Environment Canada Environnement Canada

Surface Water Data
British Columbia

Données sur les eaux de surface
Colombie-Britannique

1989

INLAND WATERS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1990

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
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PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment, Ottawa.

The basic data were collected and compiled under the supervision of the Regional Chief of the Water Resources Branch at Vancouver, British Columbia.

The co-operation received from provincial agencies and from other organizations is gratefully acknowledged.

PRÉFACE

La Division des relevés hydrologiques du Canada, sous l'autorité du Directeur des ressources en eau du ministère de l'Environnement (Ottawa), a préparé la présente publication.

On a recueilli et compilé les données de base sous la supervision du Chef régional de la Direction des ressources en eau, à Vancouver (Colombie-Britannique).

On remercie vivement les organismes provinciaux, ou autres, pour la coopération qu'ils ont apportée.

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INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents for the 1989 calendar year, the results of the hydrometric survey investigations which were made in British Columbia by the Water Survey of Canada.

Details on individual stations and related records, as well as recent data which have not yet been published, may be obtained upon application to:

Regional Chief,
Water Resources Branch,
Department of the Environment,
Room 502,
1001 W. Pender Street,
Vancouver, British Columbia.
V6E 2M9
(604 666-3606)

or to the Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0H3 (819 997-2098).

INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente, pour l'année civile 1989, les résultats des relevés hydrométriques que la Division des relevés hydrologiques du Canada a effectués en Colombie-Britannique.

En s'adressant aux endroits ci-après, on peut obtenir des renseignements supplémentaires sur certaines stations particulières et divers relevés, ainsi que des données récentes non encore publiées:

Chef régional
Direction des ressources en eau
Ministère de l'Environnement
502-1001, rue Pender ouest
Vancouver (Colombie-Britannique)
V6E 2M9
(604 666-3606)

ou au Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario), K1A 0H3 (819 997-2098).

ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

During 1989, the hydrometric surveys in British Columbia were conducted by the Water Survey of Canada under agreement with the Province of British Columbia. The provincial authorities contributed to the cost of the basic field investigations which were carried out in accordance with mutually agreed-upon plans.

ORGANISATION ET HISTORIQUE DES RELEVÉS HYDROMÉTRIQUES

En 1989, la Division des relevés hydrologiques du Canada a effectué des relevés hydrométriques en Colombie-Britannique en vertu de l'accord conclu avec les autorités provinciales, qui ont contribué au coût des recherches de base réalisées sur le terrain, après entente mutuelle sur leur programme.

In British Columbia, stream-measurement work was commenced in 1911 by the Railway Belt Hydrographic Survey of the Department of the Interior, primarily for irrigation-supply purposes under grants administered by the federal government. In 1913, administration of these grants passed to the control of the Province, but, by agreement with the Water Rights Branch, the hydrometric survey was continued by the Dominion Water Power Branch and extended to include the remainder of the Province.

Although the agreement signed in 1913 was terminated March 31, 1933, work was continued by the federal government under letter arrangement until 1975. A co-operative agreement, (with an implementation date of April 1, 1975), was signed with the Government of British Columbia on March 14, 1975. The agreement provides that water quantity surveys will be continued by the federal government on a shared cost basis.

CO–OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to the following organizations:

Provincial – British Columbia Hydro and Power Authority;
Ministry of Environment.

Private – Alcan Smelters and Chemicals Ltd;
West Kootenay Power.

C'est en 1911 que le *Railway Belt Hydrographic Survey* du ministère de l'Intérieur a entrepris, à des fins d'irrigation et d'approvisionnement en eau et grâce aux subventions administrées par le gouvernement fédéral, les premiers relevés dans cette province. En 1913, l'administration des subventions est devenue la responsabilité des autorités provinciales, mais, par un accord conclu avec la Direction des permis d'utilisation des eaux, la Direction fédérale de l'énergie hydraulique a assumé la responsabilité des observations hydrométriques et le champ des relevés s'est élargi pour englober toute la Colombie-Britannique.

L'accord de 1913 a pris fin le 31 mars 1933, mais en vertu d'une lettre d'entente, le gouvernement fédéral a continué d'exécuter les observations hydrométriques jusqu'en 1975. Le 14 mars 1975, le gouvernement de la Colombie-Britannique a signé un nouvel accord, qui est entré en vigueur le 1er avril 1975, renfermant des dispositions grâce auxquelles le gouvernement fédéral s'occupera du programme de relevés hydrométriques et partagera le coût des mesures avec la province.

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Division des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La Division des relevés hydrologiques du Canada est redevable aux organismes suivants de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques:

Niveau provincial – Hydro-Colombie-Britannique,
Ministère de l'Environnement.

Secteur privé – Société d'électrolyse et de chimie Alcan Ltée,
West Kootenay Power.

EQUIVALENTS OF MEASURE

The following list of convenient equivalents of measure includes the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 640 acres
1 square mile equals 2.5900 km^2 (square kilometres)
1 square mile equals 259.0 ha (hectares)

1 ha (hectare) equals 10 000 m^2 (square metres)
1 ha (hectare) equals 2.4710 acres
1 km^2 (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 4.546 09 L (litres)
1 imperial gallon equals 1.2010 U.S. gallons
1 U.S. gallon equals 0.133 68 cubic foot
1 cubic foot equals 0.028 317 m^3 (cubic metre)
1 m^3 (cubic metre) equals 35.315 cubic feet
1 dam^3 (cubic decametre) equals 1000 m^3 (cubic metres)
1 dam^3 (cubic decametre) equals 1 mm (millimetre) over 1 km^2 (square kilometre)

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 dam^3 (cubic decametres)
1 m^3/s (cubic metre per second) for one day equals 86.4 dam^3 (cubic decametre)
1 m^3/s (cubic metre per second) for one day covers one square kilometre to a depth of 0.0864 m (metre)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second
1 m/s (metre per second) equals 3.6 km/h (kilometre per hour)
1 km/h (kilometre per hour) equals 0.2778 m/s (metre per second)

1 cubic foot per second equals 0.028 317 m^3/s (cubic metre per second)
1 m^3/s (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit - 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

ÉQUIVALENCES DES UNITÉS DE MESURE

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre vaut 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré vaut 640 acres
1 mille carré équivaut à 2.5900 km^2 (kilomètres carrés)
1 mille carré équivaut à 259.0 ha (hectare)

1 ha (hectare) vaut 10 000 m^2 (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 km^2 (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impérials
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon impérial équivaut à 1.2010 gallon américain
1 gallon américain équivaut à 0.133 68 pied cube
1 pied cube vaut 0.028 317 m^3 (mètre cube)
1 m^3 (mètre cube) vaut 35.315 pieds cubes
1 dam^3 (décamètre cube) vaut 1000 m^3 (mètres cubes)
1 dam^3 (décamètre cube) vaut 1 mm (millimètre) qui couvre 1 km^2 (kilomètre carré)

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 dam^3 (décamètres cubes)
1 m^3/s (mètre cube par seconde) pour un jour vaut 86.4 dam^3 (décamètre cube)
1 m^3/s (mètre cube par seconde) pour un jour couvre un kilomètre carré à une profondeur de 0.0864 m (mètre)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde
1 m/s (mètre par seconde) vaut 3.6 km/h (kilomètre par heure)
1 km/h (kilomètre par heure) vaut 0.2778 m/s (mètre par seconde)

1 pied cube par seconde équivaut à 0.028 317 m^3/s (mètre cube par seconde)
1 m^3/s (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit - 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

DEFINITION OF TERMS AND ABBREVIATIONS

"Control" is the condition downstream from a gauging station that determines the stage-discharge relationship. It may be a stretch of rapids, a weir or other artificial structure. In the absence of such features, the control may be a less obvious condition such as a convergence of the channel or even simply the resistance to flow through a downstream reach. A shifting control exists where the stage-discharge relationship tends to change because of impermanent bed or banks.

"Cubic metres per second" (m^3/s) is a unit expressing rate of discharge. One cubic metre per second is equal to one cubic metre of water flowing past a particular point in one second. This is the basic unit in general use, other units being computed from it by the use of factors as given in the previous paragraph under "Equivalents of Measure".

"Gauging station" is a location where systematic records of stage or stage and discharge are obtained.

"Miscellaneous (or related) data" is all data not published in the regular series of hydrometric and sediment data publications such as unpublished water levels and the various parameters that are measured in obtaining discharge measurements, e.g. water depth, velocity, width, air and water temperatures, ice thickness. This also includes discharge measurements and water level and sediment observations obtained at locations which are not regular gauging stations. Various types of "derived" data could also be considered "miscellaneous", such as water levels and discharges at selected time intervals (usually hourly).

"Stage-discharge relationship" is the relation between the water level and the discharge at a gauging station.

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

Surface Water Data have been published in a variety of formats in imperial units since 1908 in approximately 300 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

DÉFINITIONS DES TERMES ET ABRÉVIATIONS

«Élément régulateur» – élément qui conditionne l'écoulement en aval d'une station de jaugeage et qui détermine la relation hauteur-débit au niveau de la station. Ce peut être une série de rapides, un déversoir ou toute autre structure artificielle. En l'absence de ces structures, l'élément régulateur peut provenir d'une condition moins apparente comme le rétrécissement d'un chenal ou simplement la résistance à l'écoulement d'un tronçon situé en aval. Il y a élément régulateur changeant quand la relation hauteur-débit tend à être modifiée par un lit ou des rives instables.

«Mètres cubes par seconde» (m^3/s) – unité du taux d'écoulement. Un mètre cube par seconde équivaut à un mètre cube d'eau s'écoulant en un point donné en une seconde. C'est l'unité de base généralement employée, les autres unités dérivées à partir de celle-ci sont données sous la rubrique «Équivalences des unités de mesure».

«Station de jaugeage» – lieu où l'on effectue des relevés systématiques de la hauteur ou de la hauteur et du débit de l'eau.

«Les données diverses (ou connexes)» – représentent toutes les données qui ne sont pas publiées dans les séries régulières des publications sur les données hydrométriques et les sédiments, par exemple celles des niveaux des eaux et des autres paramètres qui sont mesurés en même temps que le débit, soit la profondeur de l'eau, sa vitesse, son étendue, la température de l'eau et de l'air, l'épaisseur de la glace. Les mesures de débit ainsi que les observations sur les niveaux des eaux et les sédiments, obtenues à des emplacements autres que les stations régulières de jaugeage, sont aussi incluses. D'autres types de données «dérivées» pourraient aussi être classés dans cette catégorie de données «diverses», à savoir les niveaux des eaux et les débits observés à des intervalles de temps précis (en général, toutes les heures).

«Relation hauteur-débit» – relation qui existe entre la hauteur et le débit au niveau d'une station de jaugeage.

PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 300 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are presented in the International System of Units (SI) and future editions will be published biennially. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and the discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1982 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1982 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations where streamflow data are collected are not normally published in the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1983 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1983 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

During the years 1948 to 1960, some sediment data were collected for several Prairie rivers to meet the needs of particular projects. The first Water Resources Paper series containing sediment data incorporated a selection of these data and also data for part of the year ending September 30, 1961, at stations established for the continuing program. The second issue was a biennial publication covering only the continuing program for the 1962 and 1963 water years. All subsequent editions titled *Sediment Data Canadian Rivers* have been published annually. The sediment data since 1978 have been presented entirely in the International System of Units (SI).

De 1948 à 1960, on a recueilli des données pour plusieurs cours d'eau des Prairies en prévision de la réalisation de certains projets. La première publication contenant des données sur les sédiments a paru dans la série intitulée *Water Resources Paper*; elle présentait un choix de ces données ainsi que des données recueillies en 1961 avant le 30 septembre à des stations établies pour la réalisation du programme permanent. La deuxième publication a porté sur les données recueillies dans le cadre du programme au cours des années hydrologiques 1962 et 1963. Par la suite, les données ont été publiées annuellement sous le titre *Données sur les sédiments - rivières canadiennes*. Depuis 1978, les données sont exprimées en unités du Système international (SI).

Commencing with 1984, the *Sediment Data* are presented and published in a new format wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island, which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province or territories covered and the year in which the data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations in Canada where sediment data were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations also listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published biennially. The latest edition supersedes all previous editions because it contains any corrections or additions since the last publication.

The first edition of a new publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI). This publication has been discontinued, as much of the information is now included in the new annual *Sediment Data* publication.

METHOD OF TABULATION OF SURFACE WATER DATA

For gauging stations where a systematic record of water level or discharge was obtained during the year under review, the following are given where available:

1. Table of daily water level or discharge;
2. Summary of monthly and annual data;
3. Descriptive information.

1. *The table of daily water level* or *discharge* gives the daily water level in metres or the daily discharge in cubic metres per second at the gauging station.

The following standard symbols are used opposite the daily stage or discharge to which they apply:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge. This symbol is used during open-water periods only.

B – Ice Conditions – indicates that for a gauging station where discharge data are obtained the presence of ice has affected the stage-discharge relationship.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

En 1984, la présentation des données a été modifiée. Le Canada a été divisé en huit régions, une région pour chaque province, sauf le Nouveau-Brunswick, Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui, ensemble, forment la région des provinces de l'Atlantique, et les Territoires du Yukon et du Nord-Ouest, qui forment une autre région. Les publications sont nommées selon la région couverte et l'année des données (année civile). Ces publications sont annuelles. Les stations y sont présentées par ordre alphabétique.

Un *Index de référence des données sur les sédiments* est publié. La première édition portait sur les données disponibles jusqu'en 1972. Les emplacements où des données sur les sédiments ont été recueillies au Canada par la Division des relevés hydrologiques y sont présentés sous forme de tableau. L'*Index* est subdivisé selon l'ordre alphabétique par province ou territoire, et les stations de mesure des sédiments sont classées par ordre alphabétique. À partir de 1978, les données sont exprimées en unités du Système international (SI). L'*Index* est publié tous les deux ans; l'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour effectuées depuis la dernière parution.

Une autre série de publications a porté le titre *Sommaire chronologique des données sur les sédiments de rivières canadiennes*. La première édition renfermait les données disponibles jusqu'en 1974. Cette série présentait un résumé donnant les moyennes mensuelles et annuelles historiques du débit des sédiments en suspension, les valeurs annuelles extrêmes de la concentration journalière et du débit journalier des sédiments en suspension et le débit annuel total des sédiments en suspension. À partir de 1978, les données ont été présentées en unités du Système international (SI). Cette série a été abandonnée, car une bonne partie de l'information est maintenant contenue dans la nouvelle publication annuelle intitulée *Données sur les sédiments*.

PRÉSENTATION SOUS FORME DE TABLEAUX DES DONNÉES SUR LES EAUX DE SURFACE

Pour les stations de jaugeage où on a effectué, au cours de l'année étudiée, un relevé systématique du débit ou du niveau, les données suivantes sont présentées, pour autant qu'elles soient disponibles:

1. un tableau du niveau ou du débit quotidien;
2. un extrait des données mensuelles et annuelles;
3. des renseignements descriptifs.

1. *Le tableau du niveau* ou *du débit quotidien* donne la hauteur des eaux, en mètres ou le débit, en mètres cubes par seconde, mesuré à la station de jaugeage.

Les symboles normalisés donnés ci-après sont inscrits à côté des valeurs auxquelles ils se rapportent:

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne pour la journée en question. Le symbole n'est employé qu'au cours de périodes d'eau libre.

B – Glaces – indique, pour les données portant sur le débit, que la présence de glaces à la station de jaugeage a faussé la relation hauteur-débit.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

2. *A summary of monthly and annual data* is given below the table of daily data.

For stations where only water level data are obtained, both a monthly and annual summary are given.

The monthly summary gives:
(a) the mean water level in metres for complete months;
(b) the maximum and minimum daily water level in metres.

The summary for the year gives:
(a) the mean water level in metres for complete years;
(b) the maximum and minimum daily water levels and their dates of first occurrence where applicable;
(c) the maximum instantaneous water level and the time of occurrence where available.

For stations where discharge data are collected, both a monthly and annual summary are given:

The monthly summary gives:
(a) the total of the daily discharge values for complete months;
(b) the mean discharge in cubic metres per second;
(c) the total discharge in cubic decametres;
(d) the maximum and minimum daily discharges in cubic metres per second.

The summary for the year or period gives:
(a) the mean discharge in cubic metres per second;
(b) the total discharge in cubic decametres;
(c) the maximum and minimum daily discharges and their dates of first occurrence;
(d) the maximum instantaneous discharge and the time of occurrence, where available.

3. *The descriptive information* about the gauging station is also given below the table of daily data and will indicate the following where applicable:

International Gauging Stations – on waters adjacent to the international boundary, certain gauging stations have been designated as "International" and records are approved jointly. Differences between figures published herein and corresponding figures in United States Water Supply Papers are due to variations in automated data processing techniques.

Type of Gauge – refers to the installation or method used to obtain water level or discharge data:

(a) Manual – a non-recording type of gauge from which observations of stage normally are obtained once daily.
(b) Recording – a water-stage recorder from which continuous water levels are obtained on an analog chart. For most International Gauging Stations located in the United States, water level records are obtained utilizing a digital recorder.
(c) Power Plant Rating – this indicates that records were obtained using the latest available rating of the Power Plant.

2. *Un extrait des données mensuelles et annuelles* est donné au-dessous du tableau des données quotidiennes.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le niveau.

L'extrait mensuel donne:
(a) le niveau moyen en mètres pour le mois entier, et
(b) les niveaux quotidiens maximal et minimal en mètres.

L'extrait annuel donne:
(a) le niveau moyen en mètres pour l'année entière;
(b) les niveaux quotidiens maximal et minimal ainsi que les dates de leur première observation, s'il y a lieu, et
(c) le niveau maximal instantané et l'heure de l'observation, s'il y a lieu.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le débit.

L'extrait mensuel donne:
(a) le total des valeurs quotidiennes du débit pour le mois entier;
(b) le débit moyen en mètres cubes par seconde;
(c) le débit total en décamètres cubes, et
(d) les débits quotidiens maximal et minimal en mètres cubes par seconde.

L'extrait annuel ou périodique donne:
(a) le débit moyen en mètres cubes par seconde;
(b) le débit total en décamètres cubes;
(c) les débits quotidiens maximal et minimal ainsi que les dates de première observation, s'il y a lieu, et
(d) le débit maximal instantané et l'heure de l'observation, s'il y a lieu.

3. *Les renseignements descriptifs* sur les stations de jaugeage sont également présentés sous le tableau des données quotidiennes et apportent les précisions qui suivent, s'il y a lieu:

Stations internationales de jaugeage (International Gauging Stations) – Dans les eaux contiguës aux frontières, on a désigné certaines stations comme «internationales», et les données prélevées sont approuvées par les pays concernés. Les différences entre les chiffres publiés dans la présente publication et les *United States Water Supply Papers* proviennent de variantes dans les techniques de traitement automatique des données.

Type de jauge (Type of Gauge) – Il s'agit des jauges ou des méthodes de jaugeage utilisées pour obtenir les données sur le niveau et le débit d'un cours d'eau:

(a) Manuelle (Manual) – indique qu'un appareil non enregistreur sert à obtenir une fois par jour les données sur le niveau et le débit d'un cours d'eau.
(b) Enregistreuse (Recording) – indique qu'un limnigraphe permet de mesurer de façon continue le niveau des eaux tracé sur une carte analogique. La plupart des stations internationales de jaugeage des États-Unis obtiennent les données sur le niveau des eaux à l'aide d'un enregistreur numérique.
(c) Régime des stations hydrauliques (Power Plant Rating) – indique qu'on a obtenu les données grâce aux valeurs les plus récentes des régimes mesurés dans les stations hydrauliques.

Location – the latitude and longitude co-ordinates of the location of the gauge are given. For stations where the gauge is located an appreciable distance from the discharge measurement section, these co-ordinates give the location of the discharge measurement section.

Drainage Area – this is the latest available drainage area and refers to that area enclosed by a topographic divide such that direct surface runoff from precipitation would drain by gravity into the stream upstream from the location of the station. For a gauging station on a lake, this refers to the total drainage area at the outlet of the lake.

Contributed Data – if data were supplied in their entirety by an outside agency, the name of the co-operating agency is given.

Natural Flow or *Regulated* – where the flow is known to be natural, this is indicated. The flow of water in many river systems is affected by upstream regulation. In some cases, the extent of this regulation is not known and therefore is not indicated. However, where the regulation is known to be "appreciable", this is indicated as well as the year that the regulation began, if known.

Gauge Datum – for stations where only water level data are available, the name of the datum, to which water levels are referred, is given as well as an equation to convert to another datum if applicable. Detailed information on the description of the bench marks to which water levels are referred is available from the appropriate Regional Chief.

Remarks – unusual conditions which occur at a station are explained.

REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. The Historical Water Levels Summary publications contain revisions to monthly and annual mean water levels, and annual extremes of water level. Recent revisions, corrections or additions made to the historical discharges and water levels are indicated by an "R" symbol in the summary publications. This "R" symbol is deleted from the data bank after publication of the summaries. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

Emplacement (Location) – La latitude et la longitude de la station de jaugeage sont indiquées. Dans les cas où l'équipement de mesure est situé à un endroit éloigné de la section où le jaugeage est effectué, on indique les coordonnées de cette section.

Superficie du bassin versant (Drainage Area) – Il s'agit de la superficie du bassin versant déterminée d'après les cartes les plus récentes et désigne la zone délimitée par une ligne de partage des eaux de sorte que l'écoulement d'averse est entraîné par gravité vers le cours d'eau en amont de la station. S'il s'agit d'une station située sur un lac, elle représente la superficie totale jusqu'à l'émissaire du lac.

Données fournies (Contributed Data) – Nom de l'organisme extérieur qui a fourni les données.

Débit naturel ou *régularisé* (Natural Flow or Regulated) – Un débit reconnu comme naturel est indiqué comme tel. Le débit de plusieurs réseaux hydrographiques est modifié par une régularisation qui est effectuée en amont. Il arrive parfois que l'importance de cette régularisation ne soit pas connue, et elle n'est donc pas indiquée. Cependant, quand on sait que la régularisation est d'une certaine importance, on l'indique ainsi que l'année où elle a débuté (si elle est connue).

Plan de référence des jauges (Gauge Datum) – Pour les stations dans lesquelles on ne mesure que le niveau de l'eau, on indique le plan de référence de la jauge en question et l'équation permettant, au besoin, de convertir ce plan en un autre plan. En s'adressant au chef régional concerné, on peut obtenir des renseignements plus précis au sujet des niveaux de référence auxquels correspondent les niveaux mesurés.

Remarques (Remarks) – Les conditions inhabituelles qui prévalent à une station sont expliquées.

RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a revisées. Les publications intitulées *Sommaire chronologique des niveaux d'eau* renferment les révisions apportées aux niveaux moyens mensuels et annuels ainsi que les extrêmes annuels. Les révisions et corrections apportées récemment aux débits chronologiques et aux niveaux d'eau sont accompagnées du symbole «R» dans les publications sommaires. Ce symbole «R» est omis de la banque de données après la publication des sommaires. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data referred to herein, depends upon

(1) The type of gauge, stability of gauge, accuracy of observation of stage and measurement of reference datum,

(2) The stability of the stage-discharge relationship; or if the control is unstable, the frequency and accuracy of discharge measurements, and

(3) The computation procedures and interpretation of records.

Because of all these variable factors, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data. The Water Resources Branch standard for storing water level data is to three decimal points (0.001 m), although some contributing agencies provide data to two decimal points (0.01 m).

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A, E and B (for discharge data).

In general, data collected during open-water periods are more reliable than those collected during periods of ice conditions or those obtained by estimation. Further, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only, especially for small or flashy streams.

EXACTITUDE DES DONNÉES HYDROMÉTRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques dont on parle ici sont basés sur

(1) Le type de jauge, la stabilité de la gauge, la précision des observations sur les niveaux et de la mesure de la donnée de référence,

(2) La stabilité de la relation hauteur-débit ou, si l'élément régulateur est changeant, sur la fréquence et la précision des mesures de débits, et

(3) L'évaluation des procédés et l'interprétation des chiffres.

À cause de toutes les variables déjà mentionnées, on a normalisé pour des fins d'uniformité de présentation le nombre de chiffres significatifs, mais ceci ne réflète pas le degré d'exactitude des données. Dans la Direction des ressources en eau, les normes de cueillette des données sur le niveau des eaux sont de l'ordre de trois décimales (0.001 m), alors que certains organismes dans ce domaine n'exigent que deux décimales (0.01 m).

L'exactitude des données peut être appréciée par l'examen de la répartition des symboles A, E et B (pour les données de débits).

En général, les données recueillies au cours des périodes d'eau libre sont plus sûres que celles qui sont obtenues au cours des périodes de glaces ou par estimation. De plus, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus certaines et plus exactes que celles qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

SURFACE WATER DATA/DONNÉES SUR LES EAUX DE SURFACE

ADAMS LAKE NEAR SQUILAX - STATION NO. 08LD003

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.807	1.418	1.308	1.335	2.145	3.246	3.331	2.881	2.882	2.272	1.887	2.020	1
2	1.806	1.388	1.298	1.336	2.212	3.280	3.320	2.884	2.880	2.261	1.885	2.007	2
3	1.807	1.368	1.291	1.342	2.281	3.332	3.320	2.900	2.842	2.233	1.887	2.001	3
4	1.808	1.327	1.288	1.361	2.347	3.368	3.307	2.930	2.833	2.211	1.888	1.988	4
5	1.803	1.328A	1.290	1.388	2.413	3.408	3.287	2.952	2.811	2.195	1.889	1.987	5
6	1.576	1.312E	1.283	1.374	2.488	3.453	3.287	2.949	2.787	2.178	1.887	1.884	6
7	1.553	1.308E	1.289	1.389	2.588	3.484	3.230	2.941	2.788	2.157	1.888	1.870	7
8	1.547	1.303E	1.282	1.401	2.680	3.521	3.204	2.928	2.744	2.138	1.888	1.857	8
9	1.538	1.303E	1.273	1.408	2.785	3.562	3.191	2.90[illegible]	2.714	2.113	1.880	1.884	9
10	1.538	1.284E	1.271	1.414	2.888	3.582	3.169	2.89[illegible]	2.888	2.104	2.012	1.841	10
11	1.538	1.280E	1.281	1.428	3.001	3.587	3.147	2.881	2.888	2.085	2.043	1.825	11
12	1.534	1.284E	1.285	1.434	3.085	3.590	3.136	2.867	2.830	2.083	2.070	1.824	12
13	1.526	1.281E	1.288	1.444	3.142	3.587	3.118	2.833	2.807	2.088	2.081	1.821	13
14	1.528	1.278E	1.301	1.488	3.180	3.581	3.114	2.821	2.882	2.088	2.082	1.822	14
15	1.521	1.271E	1.294	1.478	3.181	3.831	3.127	2.814	2.880	2.073	2.103	1.817	15
16	1.513	1.270E	1.304	1.501	3.172	3.884	3.151	2.817	2.564	2.083	2.088	1.808	16
17	1.503	1.288E	1.295	1.533	3.184	3.718	3.168	2.819	2.841	2.082	2.105	1.804	17
18	1.508	1.288E	1.289	1.581	3.227	3.704	3.178	2.821	2.818	2.032	2.088	1.887	18
19	1.489	1.280A	1.284	1.588	3.265	3.889	3.188	2.807	2.488	2.019	2.084	1.880	19
20	1.483	1.282	1.282	1.626	3.289	3.833	3.142	2.788	2.478	2.007	2.104	1.878	20
21	1.477	1.288	1.277	1.678	3.271	3.801	3.128	2.803	2.489	2.000	2.105	1.880	21
22	1.478	1.278	1.281	1.733	3.288	3.870	3.124	2.889	2.438	1.998	2.101	1.881	22
23	1.474	1.308	1.283	1.784	3.262	3.833	3.106	2.949	2.419	1.995	2.092	1.838	23
24	1.488	1.304	1.288	1.837	3.284	3.803	3.080	2.987	2.402	1.880	2.083	1.827	24
25	1.489	1.306	1.293	1.873	3.243	3.487	3.080	3.000	2.377	1.897	2.079	1.812	25
26	1.488	1.317	1.287	1.811	3.238	3.442	3.027	2.883	2.385	2.004	2.078	1.813	26
27	1.444	1.317	1.308	1.848	3.234	3.431	2.982	2.886	2.343	2.010	2.085	1.802	27
28	1.444	1.312	1.318	1.885	3.226	3.4[illegible]	2.986	2.888	2.327	2.007	2.044	1.783	28
29	1.438		1.322	2.028	3.215	3.363	2.987	2.841	2.308	2.004	2.049	1.782	29
30	1.428		1.328	2.080	3.212	3.356	2.962	2.814	2.295	1.888	2.034	1.771	30
31	1.425		1.333		3.218		2.921	2.893		1.885		1.788	31
MEAN	1.512	1.301	1.294	1.587	2.972	3.507	3.141	2.885	2.575	2.078	2.051	1.886	MEAN
MAX	1.807	1.418	1.333	2.080	3.271	3.718	3.331	3.000	2.882	2.272	2.105	2.020	MAX
MIN	1.425	1.262	1.271	1.335	2.145	3.246	2.921	2.788	2.295	1.880	1.885	1.788	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MEAN, 2.240
MAXIMUM DAILY, 3.718 ON JUN 17
MINIMUM DAILY, 1.262 ON FEB 20
MAXIMUM INSTANTANEOUS,
3.726 AT 10:12 PST ON JUN 17

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 57 14 N
LONG 119 40 25 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

ADAMS RIVER NEAR SQUILAX - STATION NO. 08LD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	26.2	16.2	14.7	15.4	56.0	147	187	108	108	64.2	48.8	47.8	1
2	26.2	17.1	14.4	15.6	60.3	152	188	108	107	62.8	48.8	47.0	2
3	25.8	15.8	14.2	15.8	64.8	158	186	111	108	61.7	48.8	46.7	3
4	26.4	15.2	14.1	15.9	69.1	162	184	114	105	60.2	48.2	46.5	4
5	25.1	15.1A	14.2	16.1	73.4	167	183	116	103	59.2	48.0	46.9	5
6	24.8	14.8E	14.0	16.7	78.3	173	180	114	101	58.1	48.9	46.7	6
7	23.8	14.7E	14.1	17.1	85.5	178	145	116	99.2	58.7	45.8	45.0	7
8	23.6	14.9E	13.9	17.6	93.2	183	142	113	97.2	55.5	46.0	44.2	8
9	23.1	14.9E	13.7	17.7	101	188	140	111	95.0	53.9	46.1	44.0	9
10	23.0	14.3E	13.7	18.0	109	187	138	110	93.0	53.3	47.3	43.3	10
11	23.2	14.2E	13.9	18.4	120	188	135	109	90.8	52.1	48.3	42.4	11
12	22.9	14.0E	14.0	18.7	130	188	134	107	88.7	51.9	51.1	42.4	12
13	22.6	13.9E	14.1	19.2	135	189	132	105	87.0	52.1	51.8	42.3	13
14	22.8	13.8E	14.6	19.8	137	191	132	104	85.1	52.1	52.8	42.3	14
15	22.4	13.7E	14.3	20.8	137	196	133	103	83.8	51.2	53.2	42.0	15
16	22.1	13.6E	14.8	21.6	138	207	136	103	82.3	50.8	52.7	41.8	16
17	21.8	13.4E	14.3	22.8	141	210	137	103	82.1	49.8	53.4	41.2	17
18	21.8	13.8E	14.1	24.1	145	208	138	104	80.2	48.8	53.9	40.4	18
19	21.8	13.4A	14.0	25.4	148	203	137	102	78.8	47.8	53.7	40.0	19
20	20.8	13.2	13.8	27.1	150	198	135	102	77.8	47.0	53.3	39.7	20
21	20.8	13.4	13.8	28.8	150	194	133	102	76.4	46.6	53.3	38.8	21
22	20.8	13.6	13.9	32.4	148	190	133	107	74.8	46.6	53.1	38.4	22
23	20.4	14.7	14.2	35.8	148	184	131	115	73.8	46.4	52.8	37.7	23
24	20.1	14.8	14.1	37.7	148	180	128	120	72.7	46.1	51.9	37.1	24
25	20.2	14.6	14.2	38.8	147	176	125	120	71.0	46.4	51.8	38.4	25
26	19.7	14.8	14.4	41.7	146	172	123	118	69.8	46.8	51.4	38.8	26
27	19.2	14.8	14.7	43.7	146	170	119	118	68.8	47.2	50.7	38.8	27
28	19.3	14.8	15.0	45.8	145	168	117	117	67.8	47.0	49.7	38.4	28
29	18.8		15.0	48.4	143	164	116	116	66.7	46.8	49.7	34.8	29
30	18.4		15.1	51.7	143	161	116	112	65.7	46.8	48.7	34.3	30
31	18.4		15.4		144		113	110		46.4		33.8	31
TOTAL	684.1	408.6	442.6	789.2	3 778.8	5 433	4 192	3 421	2 567.8	1 601.9	1 498.7	1 269.3	TOTAL
MEAN	22.1	14.6	14.3	26.3	122	181	135	110	85.3	51.7	49.8	40.9	MEAN
MAX	26.2	16.2	15.4	51.7	150	210	187	120	108	64.2	53.4	47.8	MAX
MIN	18.4	13.2	13.7	15.4	56.0	147	113	102	65.7	46.1	45.8	33.8	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 71.4
MAXIMUM DAILY, 210 ON JUN 17
MINIMUM DAILY, 13.2 ON FEB 20
MAXIMUM INSTANTANEOUS,
211 AT 10:12 PST ON JUN 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 58 18 N
LONG 119 39 18 W
DRAINAGE AREA, 3 080 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	69 100	JUL	362 000
FEB	35 100	AUG	288 000
MAR	38 200	SEP	221 000
APR	68 200	OCT	138 000
MAY	327 000	NOV	129 000
JUN	469 000	DEC	110 000

TOTAL DISCHARGE, 2 350 000 dam³

ADSETT CREEK AT KILOMETRE 388.0 ALASKA HIGHWAY - STATION NO. 10CD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.038 B	0 B	0 B	0.007 B	6.85 E	1.84	0.878	0.840	0.478	1.93	0.321 B	0.121 B	1
2	0.032 B	0 B	0.001 B	0.007 B	6.30 E	1.68	0.782	1.35	0.446	1.63	0.330 B	0.128 B	2
3	0.030 B	0 B	0.001 B	0.008 B	5.70 E	1.62	0.747	1.06	0.420	1.46	0.335 B	0.132 B	3
4	0.029 B	0 B	0 B	0.008 B	5.34 A	1.40	1.12	0.898	0.707	1.26	0.320 B	0.135 B	4
5	0.028 B	0 B	0 B	0.007 B	4.88	1.28	0.880	0.790	2.47	1.13	0.300 B	0.108 B	5
6	0.021 B	0 B	0 B	0.008 B	3.70	1.28	0.911	0.711	2.03	0.898	0.241 B	0.082 B	6
7	0.015 B	0 B	0 B	0.008 B	3.30	1.18	0.880	1.34	1.52	0.842	0.268 B	0.084 B	7
8	0.005 B	0 B	0 B	0.010 B	3.05	1.48	0.774	6.85	1.28	0.682	0.233 B	0.077 B	8
9	0 B	0 B	0 B	0.012 B	2.88	1.88	0.714	21.8 E	1.11	0.782	0.216 B	0.088 B	9
10	0 B	0.001 B	0 B	0.014 B	6.88	1.82	0.888	16.5 E	0.853	0.776	0.206 B	0.083 B	10
11	0 B	0.001 B	0 B	0.018 B	7.82	1.38	0.881	11.2	0.825	0.739	0.203 B	0.082 B	11
12	0.001 B	0.001 B	0 B	0.028 B	6.83	1.18	0.885	8.81	0.723	0.884	0.198 B	0.083 B	12
13	0 B	0 B	0 B	0.038 B	4.81	1.06	0.473	3.75	0.843	0.868	0.188 B	0.088 B	13
14	0 B	0 B	0.001 B	0.050 B	3.24	0.957	0.411	2.58	0.817	0.850	0.187 B	0.073 B	14
15	0 B	0 B	0.001 B	0.088 B	2.78	0.892	0.386	2.00	0.818	0.882	0.203 B	0.068 B	15
16	0 B	0 B	0 B	0.095 B	2.85	0.838	0.417	1.78	0.844	0.880 B	0.211 B	0.085 B	16
17	0 B	0 B	0 B	0.130 B	2.41	0.830	0.483	1.84	0.812	0.870 B	0.220 B	0.083 B	17
18	0 B	0.001 B	0 B	0.180 B	2.08	0.801	0.721	1.42	1.01	0.880 B	0.228 B	0.080 B	18
19	0 B	0.001 B	0 B	0.250 B	1.90	2.59	0.838	1.21	1.17	0.850 B	0.228 B	0.088 B	19
20	0 B	0.001 B	0 B	0.340 B	1.72	4.55	0.831	1.22	1.21	0.820 B	0.209 B	0.084 B	20
21	0 B	0.002 B	0.001 B	0.440 B	2.98	2.94	0.815	1.84	1.28	0.805 B	0.188 B	0.082 B	21
22	0 B	0.002 B	0.002 B	0.840 B	4.48	2.27	0.747	1.33	1.25	0.485 B	0.170 B	0.088 B	22
23	0 B	0.001 B	0.002 B	0.800 B	7.12	1.88	0.886	1.20	1.22	0.464 B	0.184 B	0.084 B	23
24	0 B	0.001 B	0.001 B	1.21 B	8.76	1.66	0.833	1.08	1.07	0.448 B	0.130 B	0.088 B	24
25	0 B	0.001 B	0 B	1.85 B	8.14	1.52	0.848	0.980	0.944	0.438 B	0.111 B	0.088 B	25
26	0.001 B	0.001 B	0 B	2.30 B	6.83	1.40	0.894	0.883	0.847	0.408 B	0.102 B	0.088 B	26
27	0.001 B	0.001 B	0 B	3.00 B	3.43	1.26	0.820	0.777	0.766	0.390 B	0.103 B	0.087 B	27
28	0 B	0 B	0 B	4.20 B	2.78	1.13	0.830	0.888	0.692	0.393 B	0.105 B	0.088 B	28
29	0 B		0 B	5.50 B	2.46	1.00	1.22	0.841	0.787	0.380 B	0.108 B	0.088 B	29
30	0 B		0.001 B	7.20 B	2.19	0.950	1.03	0.867	2.03	0.340 B	0.113 B	0.088 B	30
31	0 B		0.004 B		2.00		0.885	0.838		0.318 B		0.083 B	31
TOTAL	0.188	0.015	0.015	28.324	126.93	45.128	22.832	86.273	30.843	22.432	8.178	2.250	TOTAL
MEAN	0.006	0.001	0	0.944	4.16	1.54	0.740	3.11	1.03	0.724	0.208	0.073	MEAN
MAX	0.038	0.002	0.004	7.20	7.82	4.55	1.22	21.8	2.47	1.93	0.335	0.135	MAX
MIN	0	0	0	0.008	1.72	0.801	0.386	0.838	0.420	0.318	0.102	0.052	MIN

DISCHANGES IN CUBIC METRES PER SECOND

MEAN, 1.05
MAXIMUM DAILY, 21.8E ON AUG 9
MINIMUM DAILY, 0B ON JAN 9
MAXIMUM INSTANTANEOUS,
35.7E AT 12:16 PST ON AUG 9

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 06 22 N
LONG 122 42 56 W
DRAINAGE AREA, 108 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	17.2	JUL 1	880
FEB	1.30	AUG 8	320
MAR	1.30	SEP 2	680
APR	2 450	OCT 1	940
MAY	11 100	NOV	634
JUN	3 880	DEC	194

TOTAL DISCHARGE, 33 200 dam³

AKIE RIVER NEAR THE 750 m CONTOUR - STATION NO. 07EA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.308	4.858	3.628	4.288	37.1	141	52.2	51.5	34.7	36.8E	18.0	11.2 B	1
2	5.268	4.828	3.608	4.428	45.7	139	53.1	54.2	36.6	35.2E	18.0	11.4 B	2
3	5.208	4.638	3.618	4.688	54.6	128	58.7	49.5	33.6	31.0E	18.1	11.3 B	3
4	5.078	4.648	3.638	4.888	65.2	142	75.8	44.9	31.2A	29.8E	15.9	11.2 B	4
5	5.878	4.658	3.678	4.788	81.0	188	87.7	42.9	29.4E	28.9E	16.5	11.0 B	5
6	5.808	4.628	3.688	4.838	90.8	133	84.5	85.5	29.1E	28.3E	15.2	10.8 B	6
7	5.728	4.598	3.908	4.908	84.8	110	83.9	83.8	28.8E	27.2E	14.88	10.8 B	7
8	5.628	4.488	3.908	4.978	85.8	118	84.1	80.0	28.2E	26.8E	14.88	10.5 B	8
9	5.588	4.358	3.908	5.058	93.8	128	80.0	48.6	27.2E	24.7E	14.28	10.1 B	9
10	5.488	4.328	3.858	5.258	88.8	117	80.7	57.8	26.8E	24.2E	13.88	9.708	10
11	5.438	4.308	3.778	5.808	91.7	118	80.3	86.8	26.8E	23.8A	13.88	9.308	11
12	5.488	4.288	3.718	5.908	73.7	126	86.1	75.8	26.4E	22.8	13.48	9.108	12
13	5.408	4.288	3.738	6.308	83.2	139	84.2	83.8	25.7E	21.4	13.28	9.058	13
14	5.358	4.288	3.788	6.858	80.8	129	86.0	84.2	24.7E	21.2	13.18	9.028	14
15	5.258	4.308	3.828	7.008	73.0	113	82.9	87.8	23.1E	17.9	12.88	8.858	15
16	5.208	4.308	3.858	7.388	88.3	83.8	88.8	86.9	22.0E	17.3	12.88	8.788	16
17	5.188	4.308	3.858	7.708	74.4	71.3	88.0	83.0	20.7E	18.4	12.78	8.808	17
18	5.138	4.288	3.858	8.208	70.8	89.2	88.8	81.8	19.7E	21.8	13.28	8.188	18
19	5.108	4.288	3.878	8.808	88.1	81.4	88.8	49.4	19.0E	20.7	13.88	7.808	19
20	5.128	4.288	3.888	9.058	84.2	88.7	88.3	80.8	18.7E	20.3	13.78	8.908	20
21	5.088	4.258	3.898	9.598	80.8	88.8	83.4	80.8	26.0E	20.2	12.88	8.458	21
22	5.028	4.238	3.908	10.4 B	88.7	87.8	80.8	48.8	46.0E	19.2	11.78	8.258	22
23	4.958	4.228	3.918	10.8 B	84.8	74.0	38.8	48.8	84.8E	18.8	11.28	8.308	23
24	4.888	4.218	3.918	11.7 B	88.3	78.8	38.8	44.8	88.7E	17.2	10.88	8.358	24
25	4.828	4.208	3.938	13.3	88.4	80.8	38.3	41.8	80.8E	18.7	11.08	8.858	25
26	4.848	4.188	3.958	15.6	85.5	87.3	37.9	40.7	47.0E	18.2	11.18	8.908	26
27	4.838	4.088	3.978	17.9	82.0	79.0	38.0	38.8	42.8E	17.3	11.28	7.808	27
28	4.858	3.978	3.988	21.3	80.8	80.1	40.8	37.4	38.0E	16.8	11.28	8.508	28
29	4.808		4.018	28.1	78.0	82.3	48.8	38.8	38.7E	16.9	11.18	8.508	29
30	4.828		4.058	27.8	118	84.3	48.8	38.0	38.2E	16.8	11.08	8.628	30
31	4.708		4.188	145			47.8	34.2		16.2		8.508	31
TOTAL	165.40	121.70	120.40	283.33	2 278.1	2 998.3	1 998.3	1 982.8	885.0	883.4	387.2	273.84	TOTAL
MEAN	5.34	4.35	3.88	9.44	73.4	88.8	81.8	81.8	32.2	22.4	13.2	8.83	MEAN
MAX	8.30	4.85	4.18	27.8	145	189	75.8	88.8	88.7	36.8	18.1	11.4	MAX
MIN	4.70	3.87	3.71	4.28	37.1	82.3	37.8	34.2	18.7	16.8	10.8	8.28	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 31.4
MAXIMUM DAILY, 189 ON JUN 8
MINIMUM DAILY, 3.718 ON MAR 12
MAXIMUM INSTANTANEOUS,
187 AT 07:47 PST ON JUN 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 11 26 N
LONG 126 52 56 W
DRAINAGE AREA, 1 700 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	14 300	JUL	135 000
FEB	10 500	AUG	127 000
MAR	10 400	SEP	83 400
APR	24 500	OCT	88 800
MAY	187 000	NOV	34 300
JUN	258 000	DEC	23 700

TOTAL DISCHARGE, 893 000 dam³

ALBERT RIVER AT 1310 m CONTOUR - STATION NO. 08NF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.078E	0.047E	0.017E	0.011	0.332	3.67	5.21	1.20	2.21	0.898	0.380	0.574	1
2	0.077E	0.046E	0.018E	0.011	0.381	5.35	4.13	1.24	2.23	0.884	0.365	0.550	2
3	0.078E	0.044E	0.014E	0.009	0.448	6.35	3.58	1.37	2.46	0.857	0.367	0.533	3
4	0.078E	0.043E	0.014E	0.007	0.509	7.16	3.50	1.26	2.31	0.851	0.348	0.523	4
5	0.079E	0.041E	0.013E	0.006	0.678	8.03	3.48	1.13	2.87	0.833	0.327	0.526	5
6	0.077E	0.040E	0.011E	0.006	2.18	11.8	3.48	1.08	2.81	0.813	0.328	0.518	6
7	0.076E	0.038E	0.010E	0.006	3.88	11.6	3.46	1.04	2.45	0.802	0.330	0.488	7
8	0.076E	0.038E	0.010E	0.005	4.88	10.4	3.41	0.996	2.25	0.877	0.330	0.488	8
9	0.073E	0.036E	0.009E	0.003	5.88	11.9	3.14	1.17	2.06	0.878	0.327	0.474	9
10	0.071E	0.037E	0.008E	0.004	8.20	10.3	2.79	1.17	1.88	0.871	0.387	0.448E	10
11	0.070E	0.038E	0.007E	0.003	5.87	9.80	2.25	1.06	1.88	0.841	0.863	0.388E	11
12	0.070E	0.035E	0.008E	0.003	4.82	9.58	2.38	0.978	1.83	0.825	0.784	0.380E	12
13	0.069E	0.034E	0.005E	0.003	3.91	10.7	2.84	0.948	1.52	0.832	0.788	0.388E	13
14	0.068E	0.032E	0.004E	0.003	3.26	12.0	2.58	0.906	1.32	0.813	0.801	0.388E	14
15	0.068E	0.031E	0.003E	0.003	3.13	12.7	2.81	0.891	1.28	0.812	0.788	0.388E	15
16	0.068E	0.030E	0.001E	0.004	3.22	13.1	2.91	0.983	1.18	0.488	0.778	0.370E	16
17	0.064E	0.030E	0.005E	0.025	3.39	9.34	2.83	1.15	1.17	0.481	0.771	0.381E	17
18	0.063E	0.029E	0.007E	0.035	3.29	7.10	2.16	1.16	1.10	0.479	0.789	0.348E	18
19	0.061E	0.028E	0.008E	0.038	2.84	8.33	2.20	1.22	1.04	0.472	0.784	0.348E	19
20	0.060E	0.027E	0.010E	0.047	2.63	5.18	2.80	1.33	1.01	0.482	0.741	0.344E	20
21	0.058E	0.026E	0.013E	0.063	2.26	4.26	2.87	2.32	0.971	0.437	0.744	0.326E	21
22	0.058E	0.025E	0.018E	0.108	2.04	3.74	2.16	2.88	0.918	0.433	0.728	0.315E	22
23	0.057E	0.023E	0.016E	0.137	1.97	3.83	1.88	2.37	0.880	0.438	0.708	0.318E	23
24	0.058E	0.022E	0.020E	0.167	1.91	4.38	1.72	1.98	0.834	0.422	0.886	0.348E	24
25	0.055E	0.021E	0.022E	0.178	1.86	4.26	1.60	1.70	0.803	0.414	0.870	0.370E	25
26	0.053E	0.020E	0.025E	0.184	1.77	5.04	1.50	1.88	0.778	0.417	0.880	0.381E	26
27	0.051E	0.020E	0.027A	0.213	1.72	5.40	1.52	2.05	0.744	0.402	0.823	0.380E	27
28	0.050E	0.018E	0.025	0.226	1.70	5.13	1.50	2.52	0.744	0.397	0.818	0.380E	28
29	0.050E		0.019	0.247	1.60	4.78	1.37	2.88	0.712	0.388	0.802	0.405E	29
30	0.049E		0.015	0.277	1.70	5.28	1.28	2.64	0.701	0.388	0.884	0.402E	30
31	0.048E		0.012		1.84		1.23	2.39		0.387		0.410E	31
TOTAL	2.005	0.902	0.391	3.036	82.228	226.86	79.42	47.883	43.926	18.787	17.748	12.881	TOTAL
MEAN	0.065	0.032	0.013	0.088	2.85	7.63	2.58	1.64	1.46	0.606	0.592	0.416	MEAN
MAX	0.078	0.047	0.027	0.277	5.30	12.7	5.21	2.88	2.87	0.884	0.801	0.574	MAX
MIN	0.048	0.018	0.001	0.003	0.322	3.67	1.23	0.891	0.701	0.387	0.327	0.518	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.48
MAXIMUM DAILY, 12.7 ON JUN 15
MINIMUM DAILY, 0.001E ON MAR 16
MAXIMUM INSTANTANEOUS,
13.3 AT 23:34 MST ON JUN 15

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 39 35 N
LONG 115 31 48 W
DRAINAGE AREA, 89.7 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	173	JUL 8 880	
FEB	77.8	AUG 4 120	
MAR	33.8	SEP 3 800	
APR	178	OCT 1 620	
MAY 7 100		NOV 1 530	
JUN 19 800		DEC 1 110	

TOTAL DISCHARGE, 48 100 dam³

ALCES RIVER AT 22ND BASE LINE - STATION NO. 07FD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.003B	0 B	0 B	0.024B	4.21 E	1.88 E	0.238	0.004	0.057E	0.128	0.074B	0.088B	1
2	0.004B	0 B	0 B	0.028B	4.01 E	1.42 E	0.216	0.004	0.048E	0.118	0.080B	0.088B	2
3	0.003B	0 B	0 B	0.038B	3.25 E	1.18 E	0.213	0.018	0.040E	0.120	0.084B	0.087B	3
4	0.001B	0 B	0 B	0.040B	2.84 E	1.03 E	0.208	0.014	0.038E	0.124	0.108B	0.083B	4
5	0 B	0 B	0 B	0.049B	2.12 E	0.885A	0.237	0.037	0.033E	0.114	0.108B	0.080B	5
6	0 B	0 B	0 B	0.080B	1.74 E	0.880E	0.242	0.033	0.032E	0.104	0.108B	0.085B	6
7	0 B	0 B	0 B	0.071B	1.38 E	0.782A	0.248	0.031	0.032E	0.101	0.100B	0.082B	7
8	0 B	0 B	0 B	0.082B	1.14 E	0.812	0.224	0.029	0.031E	0.083	0.092B	0.081B	8
9	0 B	0 B	0 B	0.108B	0.881E	0.742	0.224	0.030	0.030E	0.088	0.084B	0.080B	9
10	0 B	0 B	0 B	0.134B	0.842E	0.804	0.218	0.011	0.028E	0.094	0.078B	0.081B	10
11	0.003B	0 B	0 B	0.183B	0.780E	0.887	0.187	0.026	0.023E	0.081	0.072B	0.081B	11
12	0.002B	0 B	0 B	0.192B	0.741E	0.447	0.188	0.027	0.020E	0.083	0.087B	0.083B	12
13	0.001B	0 B	0 B	0.233B	0.708E	0.408	0.181	0.044	0.019E	0.087	0.084B	0.085B	13
14	0 B	0 B	0.001B	0.280B	0.678E	0.378	0.109	0.048	0.012E	0.074	0.084B	0.088B	14
15	0 B	0 B	0 B	0.342B	0.864E	0.347	0.078	0.044	0.008E	0.073	0.088B	0.088B	15
16	0 B	0 B	0 B	0.410B	0.880E	0.317	0.027	0.048	0.007E	0.074	0.084B	0.082B	16
17	0 B	0 B	0 B	0.506B	0.881E	0.282	0.008	0.047	0.005E	0.071	0.071B	0.080B	17
18	0 B	0 B	0 B	0.592B	0.873E	0.289	0.005	0.048	0.004E	0.088	0.078B	0.087B	18
19	0.003B	0 B	0 B	0.701B	0.891E	0.288	0.007	0.047	0.003E	0.070	0.078B	0.085B	19
20	0.003B	0 B	0 B	0.853B	0.718E	0.302	0.008	0.048	0.003E	0.072	0.078B	0.044B	20
21	0.001B	0.001B	0.001B	0.981B	0.784E	0.340	0.008	0.051	0.003E	0.073	0.072B	0.044B	21
22	0 B	0.001B	0.002B	1.35 B	0.820E	0.302	0.008	0.038	0.002E	0.081	0.088B	0.044B	22
23	0 B	0.002B	0.004B	1.46 B	1.32 E	0.304	0.004	0.214A	0.002E	0.083	0.088B	0.045B	23
24	0 B	0.001B	0.003B	1.75 B	2.08 E	0.303	0.004	0.210E	0.002E	0.078	0.083B	0.048B	24
25	0.003B	0 B	0.002B	2.06 B	2.84 E	0.284	0.004	0.178E	0.043E	0.081	0.081B	0.048B	25
26	0.004B	0 B	0.001B	2.36 E	3.13 E	0.283	0.004	0.152E	0.108E	0.085	0.082B	0.044B	26
27	0.004B	0 B	0.001B	2.85 E	3.61 E	0.305	0.004	0.128E	0.101	0.088	0.082B	0.044B	27
28	0.003B	0 B	0.003B	3.23 E	3.10 E	0.278	0.004	0.108E	0.088	0.070	0.088B	0.044B	28
29	0.001B		0.008B	3.58 E	2.91 E	0.268	0.004	0.093E	0.108	0.084B	0.087B	0.045B	29
30	0 B		0.014B	4.00 E	2.18 E	0.291	0.004	0.081E	0.136	0.088B	0.088B	0.044B	30
31	0 B		0.018B		1.82 A		0.004	0.088E		0.088B		0.043B	31
TOTAL	0.036	0.005	0.064	28.478	83.388	18.878	3.078	3.003	1.088	2.708	2.271	1.588	TOTAL
MEAN	0.001	0	0.002	0.948	1.72	0.693	0.088	0.085	0.035	0.087	0.076	0.051	MEAN
MAX	0.004	0.002	0.018	4.00	4.21	1.88	0.248	0.214	0.138	0.128	0.108	0.088	MAX
MIN	0	0	0	0.024	0.880	0.284	0.004	0.004	0.002	0.084	0.081	0.043	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.305
MAXIMUM DAILY, 4.21E ON MAY 1
MINIMUM DAILY, 0B ON JAN 5

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 20 01 N
LONG 120 09 17 W
DRAINAGE AREA, 293 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3.28	JUL 238	
FEB	0.43	AUG 173	
MAR	4.87	SEP 92.0	
APR 2 460		OCT 234	
MAY 4 810		NOV 186	
JUN 1 430		DEC 137	

TOTAL DISCHARGE, 9 810 dam³

ALIX CREEK ABOVE ALIX LAKES - STATION NO. 08KE033

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.003	0.001E	0.001E	0.001E	0 E	---	---	---	1
2	---	---	---	---	0.003E	0.001	0	0.002E	0 E	---	---	---	2
3	---	---	---	---	0.003	0.001E	0 E	0.001E	0 E	---	---	---	3
4	---	---	---	---	0.003E	0.001	0 E	0 E	0 E	---	---	---	4
5	---	---	---	---	0.003	0.001E	0 E	0 E	0.001	---	---	---	5
6	---	---	---	---	0.003E	0.001E	0	0	0.001E	---	---	---	6
7	---	---	---	---	0.003	0.001	0 E	0 E	0.001E	---	---	---	7
8	---	---	---	0.004	0.003E	0.001E	0 E	0 E	0.001E	---	---	---	8
9	---	---	---	0.005E	0.003	0.001E	0 E	0 E	0.001E	---	---	---	9
10	---	---	---	0.007E	0.003E	0.001	0.001E	0	0.001	---	---	---	10
11	---	---	---	0.008	0.003E	0.001E	0.001	0 E	0.001E	---	---	---	11
12	---	---	---	0.007E	0.003	0.001E	0 E	0 E	0 E	---	---	---	12
13	---	---	---	0.006	0.002E	0.001	0	0 E	0 E	---	---	---	13
14	---	---	---	0.005E	0.002	0.001E	0	0	0 E	---	---	---	14
15	---	---	---	0.007	0.002	0.001	0 E	0	0 E	---	---	---	15
16	---	---	---	0.006	0.002E	0.001E	0 E	0 E	0 E	---	---	---	16
17	---	---	---	0.004E	0.003	0.001E	0 E	0	0 E	---	---	---	17
18	---	---	---	0.004	0.003E	0.001	0	0 E	0.001	---	---	---	18
19	---	---	---	0.003	0.002E	0.001E	0 E	0.001	0.001E	---	---	---	19
20	---	---	---	---	0.002	0.001E	0 E	0.001E	0.001E	---	---	---	20
21	---	---	---	0.004	0.002E	0.001E	0	0.001	0.001E	---	---	---	21
22	---	---	---	0.004	0.002E	0.001	0 E	0.001E	0.001E	---	---	---	22
23	---	---	---	0.003E	0.002	0.001E	0	0 E	0 E	---	---	---	23
24	---	---	---	0.003	0.002E	0.001E	0 E	0	0 E	---	---	---	24
25	---	---	---	0.003E	0.002E	0.001	0	0 E	0 E	---	---	---	25
26	---	---	---	0.003	0.002	0.001E	0 E	0 E	0 E	---	---	---	26
27	---	---	---	0.003	0.001E	0.001E	0	0 E	0 E	---	---	---	27
28	---	---	---	0.002	0.001E	0 E	0 E	0.001E	0	---	---	---	28
29	---		---	0.002E	0.001	0	0 E	0.001E	0 E	---	---	---	29
30	---		---	0.002	0.001E	0.001E	0 E	0.001	0.001	---	---	---	30
31	---		---		0.001		0.001E	0.001E		---		---	31
TOTAL	---	---	---	---	0.071	0.028	0.004	0.012	0.013	---	---	---	TOTAL
MEAN	---	---	---	---	0.002	0.001	0	0	0	---	---	---	MEAN
MAX	---	---	---	---	0.003	0.001	0.001	0.002	0.001	---	---	---	MAX
MIN	---	---	---	---	0.001	0	0	0	0	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0E ON JUN 28

DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 38 13 N
LONG 122 24 20 W
DRAINAGE AREA, 37.3 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0.35
FEB	---	AUG	1.04
MAR	---	SEP	1.12
APR	---	OCT	---
MAY	6.13	NOV	---
JUN	2.42	DEC	---

ALOUETTE LAKE FOREBAY - STATION NO. 08MH148

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	120.783	122.295	121.586	121.381	122.818	124.076	123.810	122.292	122.832	122.518	120.441	120.610A	1
2	120.733	122.287	121.520	121.392	122.845	124.074	124.074	122.260	122.842	122.284	120.201	120.451A	2
3	120.675	122.286	121.467	121.379	123.063	124.090	124.137	122.235	122.848	122.076	120.022	120.700A	3
4	121.488	122.184	121.395	121.380	123.149	124.086	124.153	122.248	122.855	121.688	120.282	121.507A	4
5	121.526	122.144	121.358	121.490	123.284	124.117	124.141	122.258	122.868	121.882	120.187	121.773A	5
6	121.488	122.080	121.422	121.718	123.412	124.158	124.128	122.287	122.870	121.445	120.171	121.722A	6
7	121.449	122.033	121.454	122.043	123.574	124.178	124.145	122.273	122.874	121.237	120.280	121.595A	7
8	121.485	121.971	121.436	122.124	123.718	124.178	124.107	122.274	122.884	121.026	120.428	121.577A	8
9	121.515	121.910	121.347	122.147	123.838	124.172	124.042	122.278	122.879	120.818	121.324	121.502A	9
10	121.462	121.845	121.352	122.208	123.914	124.165	123.861	122.271	122.878	120.630	122.828	121.348A	10
11	121.382	121.776	121.428	122.210	123.893	124.143	123.815	122.267	122.876	120.534	123.083	121.148A	11
12	121.384	121.710	121.618	122.219	123.823	124.139	123.851	122.261	122.877	120.532	122.847	120.938A	12
13	121.434	121.841	121.785	122.252	123.753	124.172	123.786	122.264	122.877	120.802	122.870	120.718A	13
14	121.407	121.571	121.844	122.323	123.642	124.282	123.718	122.262	122.880	120.676	122.523	120.581A	14
15	121.412	121.504	121.884	122.402	123.577	124.310	123.655	122.270	122.884	120.719	122.322	120.452A	15
16	121.738	121.445	121.860	122.430	123.588	124.247	123.583	122.278	122.887	120.736	122.114	120.320A	16
17	122.280	121.377	121.835	122.411	123.635	124.173	123.528	122.282	122.894	120.724	121.911	120.184A	17
18	122.588	121.321	121.808	122.381	123.787	124.120	123.463	122.281	122.901	120.652	121.712	120.043A	18
19	122.762	121.263	121.771	122.381	123.911	124.152	123.388	122.278	122.904	120.574	121.523	119.908A	19
20	122.886	121.202	121.728	122.471	123.902	124.281	123.323	122.280	122.908	120.493	121.782	119.783A	20
21	122.828	121.138	121.707	122.578	123.881	124.320	123.244	122.384	122.911	120.525	122.018	119.648A	21
22	122.636	121.208	121.714	122.578	123.807	124.315	123.158	122.530	122.914	120.686	121.880	119.509A	22
23	122.401	121.557	121.823	122.536	123.781	124.283	123.073	122.696	122.917	120.886	121.828	119.376A	23
24	122.253	121.678	121.882	122.488	123.846	124.184	122.988	122.826	122.921	121.182	121.752	119.240A	24
25	122.102	121.701	121.382	122.444	123.908	124.121	122.904	122.880	122.921	121.174	121.883	119.108A	25
26	121.949	121.680	121.354	122.423	123.915	124.051	122.819	122.715	122.936	121.223	121.985	118.987A	26
27	121.808	121.654	121.448	122.401	124.102	124.008	122.734	122.784	122.938	121.378	121.388	118.828A	27
28	121.680	121.630	121.586	122.402	124.173	123.949	122.648	122.774	122.942	121.282	121.208A	118.693A	28
29	121.526		121.672	122.522	124.170	123.882	122.556	122.782	122.919	121.109	121.020A	118.558A	29
30	121.736		121.492	122.666	124.143	123.850	122.487	122.808	122.732	130.802	120.819A	118.418A	30
31	122.227		121.418		124.088		122.374	122.823		120.677		118.285A	31
MEAN	121.787	121.718	121.588	122.183	123.708	124.141	123.486	122.413	122.888	121.081	121.488	120.177	MEAN
MAX	122.762	122.295	121.884	122.666	124.173	124.320	124.153	122.823	122.942	122.518	123.083	121.773	MAX
MIN	120.733	121.138	121.347	121.379	122.818	123.850	122.374	122.235	122.732	120.493	120.022	118.285	MIN

WATER LEVELS IN METRES

MEAN, 122.215
MAXIMUM DAILY, 124.320 ON JUN 21
MINIMUM DAILY, 118.285A ON DEC 31
MAXIMUM INSTANTANEOUS,
124.332 AT 06:46 PST ON JUN 21

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

REMARKS - WATER LEVEL CONTROLLED BY AQUEDUCT TO STAVE LAKE AND VALVED PIPE TO ALOUETTE RIVER

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 14 N
LONG 122 29 04 W

A - MANUAL GAUGE

REGULATED

ALOUETTE RIVER NEAR HANEY - STATION NO. 08MH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.88	2.828	1.82	3.31	1.41	1.85	1.84	1.24	1.16	1.07	1.85	2.24	1
2	3.88	1.828	1.72	3.88	1.42	1.81	1.87	1.87	1.17	1.08	1.83	2.78	2
3	11.3	1.708	1.88	3.88	1.40	1.88	1.88	1.42	1.15	1.08	4.80	4.88	3
4	8.42	1.888	1.81	5.05	1.40	1.80	1.83	1.33	1.14	1.08	12.7	12.9	4
5	3.83	1.808	1.88	7.75	1.41	1.87	1.48	1.28	1.18	1.02	3.80	5.38	5
6	3.01	1.888	2.38	5.37	1.42	1.81	1.41	1.21	1.15	1.02	5.12	5.23	6
7	2.84	1.848	2.31	5.15	1.41	1.48	1.37	1.17	1.14	1.02	4.47	4.41	7
8	2.34	1.808	2.18	3.82	1.42	1.43	1.48	1.13	1.16	0.388	17.1	5.74	8
9	2.80	1.488	2.23	3.82	1.40	1.40	1.37	1.13	1.14	0.896	40.0	4.21	9
10	2.78	1.488	2.83	2.48	1.40	1.38	1.35	1.13	1.14	1.17	42.3	3.28	10
11	2.82	1.488	3.28	2.28	1.81	1.37	1.33	1.13	1.15	1.98	80.4	2.78	11
12	3.81	1.448	4.00	2.12	1.41	1.35	1.31	1.11	1.14	1.78	33.3	2.42	12
13	4.77	1.438	4.16	2.04	1.37	1.37	1.30	1.07	1.14	1.71	4.87	2.22	13
14	3.72	1.428	3.31	1.94	1.33	1.82	1.28	1.32	1.13	1.83	4.87	2.07	14
15	4.74	1.428	2.58	1.83	1.30	1.43	1.28	1.14	1.11	1.32	3.38	1.98	15
16	20.0	1.438	2.37	1.78	1.32	1.38	1.30	1.28	1.12	1.21	2.82	1.88	16
17	12.3	1.44	2.08	1.88	1.47	1.43	1.28	1.21	1.11	1.18	2.88	1.78	17
18	13.5	1.70	2.05	1.84	4.01	1.42	1.23	1.14	1.08	1.42	2.43	1.70	18
19	5.32	1.80	1.82	1.78	3.15	3.44	1.23	1.13	1.08	1.31	3.67	1.68	19
20	4.42	1.87	1.88	1.81	2.21	3.88	1.20	1.35	1.08	1.38	9.42	2.32	20
21	4.20	1.83	2.14	1.88	1.87	2.34	1.20	3.13	1.10	1.80	8.38	2.08	21
22	3.88	3.88	2.11	1.70	1.88	1.82	1.18	2.82	1.08	1.81	4.12	1.98	22
23	3.02	4.38	1.98	1.88	2.22	1.89	1.17	1.84	1.07	2.08	3.80	1.88	23
24	2.88	3.44	1.84	1.88	8.88	1.81	1.17	1.87	1.09	2.45	8.32	1.87	24
25	2.43	2.83	2.80	1.87	4.28	1.82	1.18	1.45	1.08	2.23	7.38	1.78	25
26	2.32	2.28	4.24	1.84	3.42	1.48	1.15	1.43	1.24	5.45	4.80	1.70	26
27	2.36	2.18	7.08	1.81	8.84	1.48	1.14	1.43	1.13	8.20	3.78	1.88	27
28	2.21	2.04	8.08	1.48	3.82	1.80	1.14	1.31	1.11	3.58	3.30	1.88	28
29	2.82		4.41	1.48	2.81	1.42	1.14	1.28	1.10	2.48	2.88	1.80	29
30	8.03		3.88	1.44	2.38	1.38	1.12	1.21	1.09	2.03	2.47	1.82	30
31	4.81		3.44		2.08		1.14	1.20		1.77		1.83	31
TOTAL	192.80	84.91	87.48	78.98	71.80	50.88	40.37	42.82	33.78	89.718	298.71	83.00	TOTAL
MEAN	4.82	1.88	2.82	2.83	2.31	1.70	1.30	1.38	1.13	1.93	9.89	3.00	MEAN
MAX	20.0	4.38	7.08	7.75	8.84	3.88	1.87	3.13	1.24	8.20	80.4	12.9	MAX
MIN	2.21	1.42	1.81	1.44	1.30	1.38	1.12	1.07	1.07	0.888	1.83	1.88	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.91
MAXIMUM DAILY, 80.4 ON NOV 11
MINIMUM DAILY, 0.888 ON OCT 8
MAXIMUM INSTANTANEOUS,
75.7 AT 23:47 PST ON NOV 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 14 21 N
LONG 122 34 42 W
DRAINAGE AREA, 234 km²

B - ICE CONDITIONS

REGULATED SINCE 1926

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 200	JUL	3 480
FEB	4 740	AUG	3 700
MAR	7 880	SEP	2 920
APR	8 830	OCT	5 180
MAY	8 190	NOV	25 800
JUN	4 380	DEC	8 040

TOTAL DISCHARGE, 91 800 dam³

AMBUSTER CREEK NEAR THE MOUTH - STATION NO. 08LP061

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0048	0.0038	0.0038	0.0048	0.0398	0.023	0.023	0.018	0.018	0.018	B.018	B.0148	1
2	0.0048	0.0048	0.0038	0.0048	0.0358	0.024	B.024	0.018	0.018	0.018	B.018	B.0148	2
3	0.0048	0.0038	0.0038	0.0048	0.0328	0.026	B.024	0.014	0.016	0.018	B.018	B.0148	3
4	0.0048	0.0018	0.0038	0.0048	0.0308	0.027	0.024	0.013	0.018	0.018	B.018	B.0148	4
5	0.0048	0.0018	0.0038	0.0048	0.0318	0.027	B.024	0.012	0.018	0.018	B.018	B.0148	5
6	0.0048	0.0018	0.0038	0.0048	0.0348	0.028	B.026	0.012	0.018	0.018	B.018	B.0148	6
7	0.0048	0.0018	0.0038	0.0048	0.0358	0.030	0.023	0.012	0.018	0.018	B.018	B.0148	7
8	0.0048	0.0018	0.0038	0.0058	0.0338	0.031	0.022	0.011	0.018	0.018	B.018	B.0148	8
9	0.0048	0.0018	0.0038	0.0058	0.0318	0.033	B.020	0.011	0.018	0.018	B.018	B.0148	9
10	0.0048	0.0018	0.0038	0.0058	0.0288	0.032	B.022	0.011	0.018	0.018	B.018	B.0148	10
11	0.0048	0.0018	0.0048	0.0058	0.018A	0.031	0.022	0.011	0.018	0.018	B.018	B.0148	11
12	0.0048	0.0028	0.0048	0.0078	0.018	0.031	0.320	0.011	0.018	0.014	B.018	B.0148	12
13	0.0048	0.0028	0.0048	0.0078	0.018	0.031	0.018	0.011	0.016	0.018	B.018	B.0148	13
14	0.0038	0.0028	0.0048	0.0078	0.018	0.030	0.018	0.011	0.014	0.018	B.018	B.0148	14
15	0.0038	0.0028	0.0048	0.0088	0.017	0.031	B.020	0.013	0.014	0.018	B.018	B.0148	15
16	0.0038	0.0038	0.0048	0.0088	0.018	0.032	0.018	0.018	0.018	0.014	B.018	B.0148	16
17	0.0038	0.0038	0.0048	0.0088	0.018	0.031	0.017	0.018	0.020	0.014	B.018	B.0148	17
18	0.0048	0.0038	0.0048	0.0088	0.018	0.029	0.017	0.018	0.018	0.018	B.018	B.0148	18
19	0.0048	0.0038	0.0048	0.0088	0.018	0.028	0.016	0.018	0.018	0.018	B.018	B.0148	19
20	0.0048	0.0038	0.0048	0.0108	0.020	0.028	0.017	0.013	0.018	0.018	B.018	B.0148	20
21	0.0048	0.0038	0.0048	0.0108	0.020	0.030	0.017	0.012	0.018	0.018	0.018	0.0138	21
22	0.0038	0.0048	0.0048	0.0108	0.020	0.029	0.018	0.013	0.018	0.018	0.014	0.0128	22
23	0.0038	0.0048	0.0048	0.0098	0.021	0.028	0.018	0.013	0.018	0.018	0.018A	0.0128	23
24	0.0048	0.0048	0.0048	0.0098	0.022	0.028	0.018	0.013	0.018	0.017	0.0148	0.0128	24
25	0.0048	0.0048	0.0048	0.0098	0.028	0.028	B.018	0.013	0.018	0.018	0.0148	0.0128	25
26	0.0048	0.0038	0.0048	0.0098	0.023	0.027	B.018	0.015	0.018	0.018	0.0148	0.0128	26
27	0.0048	0.0038	0.0048	0.0108	0.028	0.028	B.018	0.014	0.018	0.018	0.0148	0.0118	27
28	0.0048	0.0038	0.0048	0.0108	0.024	0.024	B.014	0.018	0.018	0.018	0.0148	0.0118	28
29	0.0108		0.0048	0.0208	0.023	0.025	B.013	0.018	0.018	0.014	0.0148	0.0118	29
30	0.3808		0.0048	0.0288	0.023	0.026	0.013	0.014	0.018	0.018	0.0148	0.0118	30
31	0.1108		0.0048		0.023		0.014	0.018		0.018		0.0118	31
TOTAL	0.818	0.074	0.114	0.243	0.783	0.848	0.578	0.414	0.482	0.483	0.452	0.408	TOTAL
MEAN	0.020	0.003	0.004	0.008	0.034	0.028	0.019	0.013	0.018	0.018	0.018	0.013	MEAN
MAX	0.380	0.008	0.004	0.029	0.038	0.033	B.025	0.018	0.020	0.017	0.018	0.014	MAX
MIN	0.003	0.001	0.003	0.004	0.018	0.023	0.013	0.011	0.014	0.014	0.014	0.011	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.015
MAXIMUM DAILY, 0.3808 ON JAN 30
MINIMUM DAILY, 0.0018 ON FEB 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 44 13 N
LONG 121 34 34 W
DRAINAGE AREA, 22.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	53.2	JUL	48.9
FEB	8.38	AUG	35.6
MAR	9.85	SEP	39.8
APR	21.0	OCT	40.6
MAY	88.1	NOV	39.1
JUN	73.1	DEC	35.3

TOTAL DISCHARGE, 489 dam³

ANDERSON CREEK ABOVE DIVERSIONS - STATION NO 08LP054

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0138	0.0088	0.0048	0.0078	0.2700	0.512	0.121	0.044	0.080	0.028	0.030	0.0278	1
2	0.0138	0.0028	0.0048	0.0078	0.2508	0.480	0.110	0.132	0.057	0.028	0.028	0.0268	2
3	0.0118	0.0018	0.0048	0.0078	0.2400	0.396	0.098	0.108	0.053	0.028	0.033	0.0268	3
4	0.0148	0.0018	0.0048	0.0088	0.2328	0.367	0.094	0.078	0.051	0.026	0.037	0.0278	4
5	0.0148	0.0018	0.0048	0.0088	0.385	0.336	0.092	0.080	0.050	0.028	0.034	0.0278	5
6	0.0128	0.0018	0.0048	0.0108	0.408	0.304	0.082	0.051	0.052	0.028	0.036	0.0278	6
7	0.0128	0.0028	0.0048	0.0098	0.385	0.288	0.088	0.044	0.047	0.028	0.033	0.0278	7
8	0.0118	0.0028	0.0048	0.0098	0.408	0.288	0.078	0.048	0.042	0.034	0.030	0.0278	8
9	0.0118	0.0028	0.0048	0.0118	0.432	0.276	0.077	0.038	0.040	0.033	0.033	0.0268	9
10	0.0128	0.0028	0.0048	0.0148	0.468	0.288	0.088	0.034	0.037	0.042	0.048	0.0248	10
11	0.0138	0.0028	0.0048	0.0178	0.387	0.288	0.118	0.031	0.034	0.040	0.042	0.0288	11
12	0.0138	0.0028	0.0048	0.0168	0.360	0.276	0.082	0.028	0.033	0.042	0.0328	0.0288	12
13	0.0138	0.0028	0.0048	0.0218	0.283	0.246	0.070	0.028	0.031	0.038	0.0328	0.0288	13
14	0.0128	0.0028	0.0058	0.0188	0.288	0.225	0.068	0.028	0.030	0.038	0.0318	0.0288	14
15	0.0118	0.0028	0.0058	0.0188	0.284	0.234	0.074	0.037	0.027	0.032	0.0328	0.0288	15
16	0.0128	0.0028	0.0068	0.0128	0.333	0.218	0.074	0.188	0.034	0.028	0.0288	0.0268	16
17	0.0138	0.0028	0.0068	0.0128	0.309	0.198	0.068	0.088	0.032	0.026	0.0278	0.0268	17
18	0.0138	0.0028	0.0068	0.0128	0.261	0.176	0.058	0.082	0.048	0.026	0.0268	0.0268	18
19	0.0128	0.0028	0.0078	0.0128	0.218	0.181	0.058	0.088	0.047	0.042	0.0248	0.0238	19
20	0.0128	0.0028	0.0078	0.0138	0.202	0.188	0.058	0.084	0.048	0.037	0.0248	0.0228	20
21	0.0118	0.0048	0.0078	0.0178	0.183	0.180	0.060	0.072	0.048	0.035	0.0268	0.0228	21
22	0.0108	0.0048	0.0088	0.0168	0.188	0.186	0.067	0.078	0.041	0.035	0.0248	0.0218	22
23	0.0088	0.0068	0.0088	0.0148	0.184	0.187	0.063	0.072	0.038	0.038	0.0248	0.0218	23
24	0.0068	0.0068	0.0088	0.0138	0.188	0.147	0.063	0.084	0.034	0.048	0.0238	0.0218	24
25	0.0068	0.0068	0.0088	0.0138	0.238	0.148	0.058	0.088	0.032	0.052	0.0218	0.0228	25
26	0.0068	0.0068	0.0088	0.0178	0.222	0.148	0.039	0.084	0.031	0.053	0.0218	0.0228	26
27	0.0068	0.0048	0.0088	0.0208	0.244	0.143	0.040	0.088	0.031	0.048	0.0208	0.0238	27
28	0.0108	0.0048	0.0088	0.0208	0.311	0.138	0.037	0.082	0.030	0.037	0.0208	0.0248	28
29	0.0108		0.0078	0.1208	0.334	0.125	0.034	0.084	0.028	0.038	0.0298	0.0268	29
30	0.0188		0.0078	0.2908	0.420	0.140	0.032	0.057	0.029	0.038	0.0278	0.0268	30
31	0.0138		0.0078		0.483		0.037	0.058		0.034		0.0298	31
TOTAL	0.381	0.078	0.181	0.840	9.279	7.339	2.081	2.048	1.218	1.148	0.998	0.781	TOTAL
MEAN	0.012	0.003	0.006	0.028	0.299	0.245	0.067	0.066	0.041	0.037	0.033	0.025	MEAN
MAX	0.015	0.008	0.009	0.280	0.483	0.512	0.121	0.188	0.080	0.048	0.048	0.029	MAX
MIN	0.008	0.001	0.004	0.007	0.184	0.139	0.032	0.028	0.027	0.023	0.027	0.021	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.072
MAXIMUM DAILY, 0.512 ON JUN 1
MINIMUM DAILY, 0.0010 ON FEB 3
MAXIMUM INSTANTANEOUS,
0.570 AT 15 02 PST ON JUN 1

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 43 35 N
LONG 121 38 07 W
DRAINAGE AREA, 31.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	31.2	JUL	181
FEB	8.67	AUG	177
MAR	15.5	SEP	108
APR	73.5	OCT	98.0
MAY	801	NOV	85.2
JUN	634	DEC	68.8

TOTAL DISCHARGE, 2 270 dam³

ANDERSON CREEK NEAR NELSON - STATION NO 08NJ130

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.020	0.018E	0.018	0.042	0.467	0.288	0.143	0.042	0.072	0.035	0.038E	0.050	1
2	0.020	0.017E	0.018	0.041	0.550	0.288	0.138	0.044	0.078	0.038	0.037E	0.050	2
3	0.021	0.017E	0.014	0.040	0.588	0.304	0.133	0.044	0.072	0.035	0.040E	0.053	3
4	0.022	0.017E	0.014	0.039	0.572	0.306	0.128	0.043	0.068	0.032	0.038E	0.053	4
5	0.033	0.017E	0.014	0.042	0.612	0.314	0.118	0.041	0.071	0.032E	0.037E	0.055	5
6	0.023	0.017A	0.013	0.058	0.587	0.312	0.110	0.038	0.064	0.032A	0.037A	0.060	6
7	0.022	0.017A	0.014	0.076	0.780	0.281	0.102	0.038	0.060	0.032E	0.034	0.074	7
8	0.022	0.018A	0.014	0.084	0.784	0.278	0.097	0.038	0.058	0.031E	0.034	0.072	8
9	0.022	0.017A	0.013	0.078	0.784	0.278	0.098	0.038	0.054	0.031E	0.078	0.072	9
10	0.018	0.017A	0.018	0.073	0.785	0.288	0.118	0.055	0.051	0.031E	0.088	0.088	10
11	0.021	0.017E	0.024	0.074	0.784	0.234	0.103	0.044	0.050	0.030E	0.088	0.082	11
12	0.021	0.018E	0.030	0.082	0.678	0.222	0.093	0.041	0.047	0.030E	0.080	0.082	12
13	0.021	0.018E	0.041	0.133	0.582	0.208	0.080	0.045	0.048	0.034E	0.080	0.084	13
14	0.020	0.018A	0.040	0.188	0.504	0.206	0.085	0.041	0.043	0.037E	0.074	0.080	14
15	0.021	0.018A	0.038	0.382	0.457	0.218	0.080	0.047	0.041	0.033E	0.084	0.080	15
16	0.020	0.018A	0.032	0.388	0.428	0.253	0.078	0.048	0.042	0.031E	0.084	0.088	16
17	0.018	0.018A	0.028	0.274	0.388	0.238	0.077	0.083	0.042	0.030E	0.088	0.088	17
18	0.022	0.018E	0.026	0.282	0.374	0.212	0.071	0.044	0.042	0.032E	0.087	0.087	18
19	0.022	0.017E	0.028	0.388	0.340	0.218	0.088	0.048	0.040	0.033E	0.088	0.088	18
20	0.018	0.017A	0.026	0.488	0.322	0.214	0.084	0.048	0.039	0.034E	0.080	0.082	20
21	0.018	0.018	0.028	0.807	0.308	0.198	0.082	0.063	0.038	0.040E	0.081	0.081	21
22	0.018	0.016	0.026	0.840	0.288	0.202	0.088	0.077	0.038	0.047E	0.088	0.088	22
23	0.018	0.014	0.026	0.857	0.288	0.183	0.083	0.088	0.037	0.048E	0.084	0.088	23
24	0.021	0.014	0.030	0.480	0.288	0.170	0.088	0.084	0.038	0.080E	0.088	0.081	24
25	0.018	0.018	0.030	0.440	0.288	0.188	0.086	0.089	0.035	0.060E	0.088	0.082	25
26	0.018	0.018	0.038	0.388	0.283	0.182	0.083	0.078	0.038	0.060E	0.083	0.088	26
27	0.018	0.018	0.041	0.371	0.388	0.174	0.082	0.078	0.038	0.048E	0.081	0.088	27
28	0.018	0.018	0.048	0.388	0.281	0.188	0.080	0.071	0.033	0.043E	0.081	0.080	28
29	0.018		0.048	0.382	0.287	0.182	0.087	0.088	0.034	0.040E	0.080	0.088	29
30	0.020		0.048	0.402	0.288	0.148	0.088	0.088	0.038	0.038E	0.081	0.088	30
31	0.020		0.042		0.282		0.044	0.081		0.037E		0.087	31
TOTAL	0.632	0.444	0.882	7.704	14.379	8.880	2.588	1.838	1.428	1.201	1.713	1.788	TOTAL
MEAN	0.020	0.018	0.028	0.257	0.484	0.228	0.083	0.063	0.048	0.038	0.057	0.058	MEAN
MAX	0.033	0.018	0.048	0.840	0.784	0.314	0.143	0.077	0.078	0.060	0.088	0.088	MAX
MIN	0.018	0.014	0.013	0.039	0.282	0.148	0.044	0.038	0.033	0.030	0.034	0.045	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.113
MAXIMUM DAILY, 0.784 ON MAY 11
MINIMUM DAILY, 0.013 ON MAR 8
MAXIMUM INSTANTANEOUS,
0.833 AT 13:48 PST ON MAY 10

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 05 N
LONG 117 15 35 W
DRAINAGE AREA, 0.07 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	54.6	JUL	221
FEB	38.4	AUG	141
MAR	74.5	SEP	123
APR	888	OCT	104
MAY	1 240	NOV	148
JUN	882	DEC	188

TOTAL DISCHARGE, 3 880 dam³

ARROW CREEK NEAR ERICKSON - STATION NO. 08NH064

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.500B	0.400B	0.282B	0.841	5.45	5.92	1.81	0.820	0.607	0.424	0.443	0.870	1
2	0.480B	0.380B	0.275B	0.818	5.20	5.81	1.68	0.878	0.614	0.418	0.447	0.857	2
3	0.528B	0.300B	0.271B	0.814	5.38	7.02	1.48	0.878	0.606	0.418	0.455	0.864	3
4	0.580	0.290B	0.270B	0.582	5.55	6.90	1.40	0.845	0.571	0.421	0.511	0.776	4
5	0.463	0.260B	0.280B	0.648	7.65	6.66	1.31	0.618	0.567	0.421	0.478	0.881	5
6	0.448	0.282B	0.280B	0.720	9.28	7.23	1.27	0.881	0.652	0.418	0.472	0.788	6
7	0.420B	0.284B	0.330B	0.830	10.7	7.08	1.23	0.876	0.636	0.423	0.508	0.787	7
8	0.402B	0.258B	0.340B	1.05	11.3	6.68	1.18	0.667	0.647	0.421	0.480	0.772	8
9	0.398B	0.262B	0.378	0.872	11.5	6.08	1.14	0.882	0.622	0.412	0.738	0.748	9
10	0.400B	0.288B	0.481	0.871	11.7	6.21	1.20	0.884	0.618	0.430	2.00	0.867	10
11	0.407B	0.274B	0.450	1.04	10.2	4.74	1.08	0.852	0.603	0.457	2.46	0.610B	11
12	0.415B	0.280B	0.508	1.22	8.45	4.67	1.04	0.606	0.600	0.433	1.80	0.685B	12
13	0.422B	0.280B	0.531	1.58	7.18	4.65	1.14	0.555	0.483	0.535	1.48	0.600B	13
14	0.427B	0.285B	0.533	2.28	6.03	4.52	1.03	0.580	0.490	0.583	1.32	0.598B	14
15	0.438	0.263B	0.488	3.27	5.77	4.13	0.975	0.569	0.481	0.468	1.08	0.600B	15
16	0.443	0.283B	0.490	3.48	6.01	4.54	0.841	0.603	0.471	0.418	1.10	0.603	16
17	0.428	0.288B	0.488	3.30	5.44	3.78	0.808	0.639	0.467	0.412	1.00	0.583	17
18	0.442	0.288B	0.473	3.81	5.91	3.24	0.878	0.568	0.470	0.422	0.841	0.585B	18
19	0.431	0.287B	0.474	4.21	5.88	3.10	0.857	0.553	0.473	0.418	0.818	0.540B	19
20	0.436	0.288B	0.477	5.32	6.00	2.77	0.848	0.584	0.458	0.481	0.823	0.528B	20
21	0.424	0.281B	0.474	7.38	4.58	2.81	0.820	0.788	0.450	0.588	0.857	0.510B	21
22	0.428	0.283B	0.478	7.80	4.38	2.62	0.784	0.748	0.448	0.708	0.881	0.510B	22
23	0.427	0.280B	0.470	6.68	5.04	2.32	0.772	0.636	0.448	0.698	0.849	0.515B	23
24	0.433	0.280B	0.488	5.27	4.84	2.22	0.764	0.755	0.448	0.783	0.877	0.530	24
25	0.427	0.300B	0.504	4.64	4.81	2.14	0.732	0.784	0.447	0.611	0.844	0.528	25
26	0.422	0.288B	0.557	4.18	4.22	2.23	0.710	0.637	0.440	0.582	0.793	0.520	26
27	0.418	0.283B	0.501	3.72	4.60	1.96	0.697	0.623	0.438	0.558	0.748	0.513	27
28	0.408	0.288B	0.534	3.48	5.14	1.82	0.677	0.777	0.420	0.517	0.737	0.504	28
29	0.406		0.550	3.52	4.79	1.74	0.682	0.707	0.428	0.464	0.711	0.502	29
30	0.450		0.558	4.32	4.56	1.63	0.648	0.667	0.425	0.490	0.820	0.483	30
31	0.472		0.568		4.87		0.633	0.626		0.438		0.498	31
TOTAL	13.643	8.061	14.237	87.854	208.43	126.59	30.878	20.947	14.847	15.104	27.887	16.607	TOTAL
MEAN	0.440	0.288	0.459	2.93	6.66	4.22	0.996	0.676	0.495	0.487	0.919	0.537	MEAN
MAX	0.580	0.400	0.568	7.80	11.7	7.23	1.81	0.882	0.614	0.783	2.46	0.881	MAX
MIN	0.398	0.260	0.270	0.582	4.22	1.63	0.633	0.584	0.420	0.412	0.443	0.483	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.60
MAXIMUM DAILY, 11.7 ON MAY 10
MINIMUM DAILY, 0.260B ON FEB 5
MAXIMUM INSTANTANEOUS,
17.6 AT 21:20 MST ON MAY 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 09 32 N
LONG 116 27 04 W
DRAINAGE AREA, 78.7 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 180	JUL	2 680
FEB	696	AUG	1 810
MAR	1 230	SEP	1 280
APR	7 590	OCT	1 300
MAY	17 800	NOV	2 410
JUN	10 900	DEC	1 430

TOTAL DISCHARGE, 50 300 dam³

ARROW RESERVOIR AT FAUQUIER - STATION NO. 08NE102

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	430.127A	424.824	422.803	425.505	426.281	429.858	435.640E	438.710	439.512	438.187	435.918	437.385	1
2	429.849E	424.835	422.598	425.613	426.400	430.028	435.748E	438.866	439.523	438.088	435.863	437.374	2
3	429.571E	424.717	422.449	425.653	426.525	430.120	435.817E	439.012	439.467	438.023	435.836	437.388	3
4	429.293A	424.592	422.332	425.708	426.665	430.188	435.874E	439.182	439.424	437.941	435.832	437.393	4
5	429.110	424.483	422.387	425.758	426.812	430.384	435.924E	439.302	439.382	437.878	435.812	437.410	5
6	428.898	424.397	422.483	425.813	426.968	430.790A	436.021E	439.318	439.289	437.796	435.798	437.442	6
7	428.715	424.358	422.630	425.884	427.183	431.008	436.183E	439.318	439.224	437.692	435.867	437.485	7
8	428.585	424.328	422.772	425.904	427.375	431.288	436.346A	439.305	439.143	437.598	435.931	437.571	8
9	428.466	424.325	422.874	425.893	427.718	431.484	436.348E	439.308	439.033	437.434	436.017	437.666	9
10	428.293	424.380	422.971	425.815	428.084	431.719	436.447E	439.313	438.901	437.324	436.138	437.762	10
11	428.081	424.481	423.088	425.810	428.490	431.938	436.530E	439.318	438.779	437.242	436.270	437.875	11
12	427.915	424.501	423.167	425.755	428.814	432.189	436.633E	439.288	438.701	437.202	436.343	438.015	12
13	427.724	424.434	423.275	425.744	429.007	432.384	436.777A	439.288	438.658	437.147	436.378	438.083	13
14	427.524	424.228	423.453	425.734	429.075	432.653	436.872	439.300	438.602	437.056	436.473	438.080	14
15	427.385	424.108	423.668	425.613	429.142	433.020	436.988	439.385	438.561	436.928	436.588	437.976	15
16	427.213	423.973	423.802	425.628	429.325	433.331	437.107	439.413	438.510	436.800	436.700	437.885	16
17	427.034	423.847	424.067	425.615	429.555	433.576	437.238	439.449	438.494	436.687	436.828	437.808	17
18	426.827	423.824	424.245A	425.618	429.861	433.673	437.358	439.455	438.485	436.590	436.938	437.798	18
19	426.627	423.744	424.388E	425.643	430.063	433.745	437.488	439.473	438.484	436.502	437.025	437.808	19
20	426.433	423.559	424.438E	425.678	430.118	433.844	437.608	439.462	438.513	436.438	437.147	437.871	20
21	426.207	423.384	424.840E	425.934	430.053	433.919	437.710	439.484	438.507	436.366	437.232	437.872	21
22	425.994	423.320	424.852E	425.981	429.934	434.024	437.783	439.566	438.503	436.284	437.276	437.869	22
23	425.807	423.184	425.082A	425.994	429.822	434.118	437.878	439.622	438.477	436.252	437.288	437.844	23
24	425.581	423.085	425.184	425.987	429.865	434.244	437.982	439.633	438.411	436.203	437.288	437.790	24
25	425.540	422.899	425.177	425.993	429.984	434.428	438.048	439.618	438.341	436.183	437.384	437.728	25
26	425.384	422.814	425.188	426.002	430.088	434.843	438.147	439.589	438.331	436.179	437.384	437.679	26
27	425.188	422.805	425.185	426.039	430.087	434.870	438.232	439.571	438.326	436.146	437.415	437.638	27
28	425.000	422.668	425.185	426.072	429.989	435.083	438.328	439.540	438.331	436.118	437.441	437.624	28
29	424.898		425.232	426.125	429.888	435.309	438.423	439.544	438.303	436.080	437.444	437.589	29
30	424.875		425.304	426.182	429.800	435.430A	438.450	439.539	438.264	436.026	437.434	437.484	30
31	424.855		425.400		429.747		438.552	439.519		435.992		437.303	31
MEAN	427.187	423.838	423.878	425.883	428.800	432.774	437.111	439.377	438.747	436.814	436.643	437.688	MEAN
MAX	430.127	424.824	425.400	426.182	430.118	435.430	438.552	439.633	439.523	438.187	437.444	438.083	MAX
MIN	424.855	422.668	422.332	425.505	426.281	429.858	435.640	438.710	438.264	435.992	435.798	437.303	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MEAN, 432.484
MAXIMUM DAILY, 439.633 ON AUG 24
MINIMUM DAILY, 422.332 ON MAR 4
MAXIMUM INSTANTANEOUS,
439.650 AT 16:17 PST ON AUG 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 52 20 N
LONG 118 04 48 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

ARROW RESERVOIR AT NAKUSP - STATION NO. 08NE104

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	430.087	425.123	423.275	425.489	428.211	428.847	435.837	436.707	438.508	438.155	435.885	437.374	1
2	430.023A	425.145	423.216	425.588	428.380	430.015	436.743	436.845	438.524	438.082	435.849	437.347	2
3	429.701E	425.039	423.188	425.856	428.483	430.105	435.815	436.984	438.480	438.008	435.821	437.344	3
4	429.378A	424.881	423.091	425.706	428.808	430.174	435.872	438.136	438.387	437.939	435.818	437.383	4
5	429.232	424.789	422.918	425.748	428.780	430.384	435.823	439.285	438.328	437.871	435.801	437.381	5
6	429.048	424.686	422.885	425.798	428.827	430.650	436.020	439.286	438.287	437.783	435.787	437.422	6
7	428.859	424.577	422.823	425.847	427.103	430.843	436.182	438.281	438.190	437.674	435.683	437.470	7
8	428.718	424.441	422.888	425.870	427.318	431.130A	436.280	439.279	438.118	437.543	435.813	437.582	8
9	428.587	424.583	423.044	425.847	427.682	431.428	436.348	438.282	438.025	437.414	435.988	437.653	9
10	428.418	424.588	423.103	425.818	428.080	431.678	436.448	438.302	438.880	437.328	436.137	437.727	10
11	428.243	424.695	423.128	425.801	428.480	431.903	436.530	438.304	438.782	437.241	436.241	437.845	11
12	428.037	424.781	423.149	425.753	428.788	432.128	436.633	438.282	438.888	437.200	436.313	437.886	12
13	427.830	424.842	423.335	425.726	428.976	432.382	436.780	438.287	438.840	437.136	436.383	438.033	13
14	427.884	424.858	423.556	423.743	429.051	432.628	436.847	438.283	438.880	437.087	436.447	438.027	14
15	427.698	424.880	423.741	428.780	429.118	432.888	436.882	438.344	438.848	438.811	436.883	437.842	15
16	427.328	424.859	423.903	425.788	428.283	433.318	437.101	438.384	438.489	436.778	436.888	437.838	16
17	427.172	424.832	424.081	425.788	428.880	433.844	437.221	438.420	438.438	436.882	436.787	437.783	17
18	426.870	424.883	424.268	425.784	429.885	433.847	437.332	438.442	438.434	436.878	436.821	437.788	18
19	426.788	424.880	424.381	425.810	430.083	433.730	437.486	438.486	438.488	438.488	437.021	437.781	19
20	426.847	424.282	424.431	425.843	430.084	433.823	437.883	439.442	438.488	436.417	437.122	437.842	20
21	426.373	424.108	424.833	425.888	430.020	433.888	437.885	438.488	438.483	436.334	437.208	437.831	21
22	426.203	423.889	424.844	425.858	429.900	434.000	437.738	438.880	438.483	436.282	437.284	437.828	22
23	426.058	423.812	425.032	425.948	429.812	434.088	437.841	438.803	438.478	436.223	437.272	437.810	23
24	425.987	423.833	425.144	425.832	429.880	434.220	437.825	438.818	438.388	436.188	437.282	437.787	24
25	426.840	423.728	426.183	425.841	429.989	434.402	438.012	438.804	438.340	436.170	437.343	437.787	25
26	425.889	423.880	423.180	425.872	430.085	434.818	438.110	438.870	438.324	436.183	437.382	437.883	26
27	425.804	423.384	426.188	425.888	430.088	434.834	438.204	438.852	438.321	436.133	437.401	437.826	27
28	426.328	423.383	426.147	426.028	429.847	434.036	438.283	438.837	438.327	436.080	437.433	437.882	28
29	426.184		426.212	426.084	429.855	435.248	438.388	438.832	438.307	436.040	437.421	437.838	29
30	426.118		426.310	426.118	429.770	435.484	438.423	438.821	438.248	436.018	437.410	437.870	30
31	426.131		426.404		429.728		438.518	438.808		435.987		437.308	31
MEAN	427.370	424.422	424.028	425.838	428.770	432.740	437.081	438.388	438.732	436.888	436.824	437.884	MEAN
MAX	430.087	425.145	426.404	426.118	430.088	435.484	438.518	439.818	438.824	438.155	437.433	438.033	MAX
MIN	426.118	423.383	422.858	425.488	428.211	429.847	435.837	436.707	438.248	435.987	435.787	437.308	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MEAN, 432.818
MAXIMUM DAILY, 439.818 ON AUG 24
MINIMUM DAILY, 422.858 ON MAR 8
MAXIMUM INSTANTANEOUS,
439.838 AT 22:27 PST ON AUG 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 14 12 N
LONG 117 47 48 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

ARROW RESERVOIR OUTFLOW - STATION NO. 08NE128

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2 200	1 520	1 800	218	284	1 010	880	328	808	1 140	1 210	1 480	1
2	2 280	1 770	1 870	331	348	1 030	1 110	329	788	1 080	1 220	1 380	2
3	2 300	1 840	1 840	327	294	826	1 380	331	802	1 100	1 220	1 240	3
4	2 340	1 710	1 270	808	281	483	1 420	328	817	1 100	1 070	1 280	4
5	2 330	1 840	821	820	278	419	1 140	877	918	1 100	883	1 080	5
6	2 340	1 480	887	823	279	421	804	1 000	1 000	1 080	883	887	6
7	2 330	1 316	848	827	281	611	853	1 270	1 080	1 080	834	382	7
8	2 140	1 330	844	878	282	703	855	1 320	1 040	1 080	880	287	8
9	2 200	1 310	830	703	280	884	853	1 320	1 130	1 070	825	848	9
10	2 360	888	810	787	278	811	857	1 220	1 170	1 010	715	708	10
11	2 420	1 080	340	818	282	888	883	1 320	1 180	888	805	823	11
12	2 330	1 350	252	808	283	575	853	1 180	1 080	1 030	853	717	12
13	2 270	1 420	251	718	284	888	884	1 120	1 020	1 080	710	1 120	13
14	2 080	1 420	248	870	285	871	1 030	1 120	1 020	1 180	388	1 840	14
15	2 040	1 420	248	482	280	872	823	1 130	1 030	1 280	428	1 770	15
16	2 080	1 430	250	477	280	887	877	1 130	782	1 170	427	1 880	16
17	2 090	1 430	248	808	284	780	883	1 120	841	1 140	428	1 420	17
18	2 070	1 880	217	818	283	848	886	1 110	841	1 120	848	1 370	18
19	2 080	1 820	188	801	278	883	801	1 040	852	1 070	824	1 330	19
20	2 080	1 820	188	802	881	883	844	1 010	778	1 080	828	1 070	20
21	2 110	1 780	228	808	880	842	888	1 030	848	888	711	1 010	21
22	2 140	1 810	249	843	1 070	848	738	1 030	848	848	783	884	22
23	2 180	1 830	281	888	1 080	864	801	1 020	1 010	848	742	877	23
24	2 130	1 700	178	873	1 080	880	803	1 010	1 080	842	813	878	24
25	2 110	1 480	141	801	1 120	820	884	1 010	1 100	804	888	885	25
26	2 180	1 380	141	818	1 080	382	708	828	1 100	887	783	880	26
27	2 110	1 310	288	821	1 030	388	740	881	1 110	1 070	782	888	27
28	1 880	1 310	371	483	884	422	728	880	1 110	1 120	883	1 180	28
29	1 820		378	303	888	423	838	880	1 100	1 130	880	1 400	29
30	1 280		378	281	885	418	777	738	1 180	1 130	1 210	1 800	30
31	1 280		378		1 000		470	807		1 180		1 870	31
TOTAL	84 890	42 108	14 842	18 778	17 278	18 832	28 883	28 408	28 832	33 288	23 838	34 881	TOTAL
MEAN	2 100	1 800	482	888	887	881	870	948	881	1 070	788	1 100	MEAN
MAX	2 420	1 840	1 870	818	1 120	1 030	1 420	1 320	1 180	1 280	1 220	1 870	MAX
MIN	1 280	888	141	218	278	383	470	328	808	804	388	287	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1988

MEAN, 885
MAXIMUM DAILY, 2 420 ON JAN 11
MINIMUM DAILY, 141 ON MAR 28

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 20 20 N
LONG 117 46 51 W

REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 630 000	JUL	2 330 000
FEB	3 640 000	AUG	2 540 000
MAR	1 280 000	SEP	2 480 000
APR	1 480 000	OCT	2 880 000
MAY	1 480 000	NOV	2 070 000
JUN	1 690 000	DEC	2 840 000

TOTAL DISCHARGE, 30 400 000 dam³

DATA CONTRIBUTED BY -
BRITISH COLUMBIA HYDRO AND POWER AUTHORITY

ASH RIVER BELOW MORAN CREEK - STATION NO. 08NB033

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.82	12.2	5.58	19.8	24.1	8.76	4.11	4.14	2.85	2.88	4.71	8.39	1
2	8.18	8.86	4.90	23.4	24.8	7.03	4.19	3.48	2.89	2.84	4.20	17.8	2
3	10.8	7.00B	4.26	17.1	24.0	10.7	5.18	3.30	2.81	2.88	4.27	47.6	3
4	17.0	5.50B	4.05	13.8	24.2	12.2	5.06	3.19	2.87	2.83	5.38	144	4
5	11.8	4.80B	5.32	15.2	25.8	12.6	3.82	3.14	2.84	3.00	4.48	101	5
6	8.77	4.20B	7.82	22.4	28.5	11.7	3.08	2.98	2.85	2.79	4.38	85.3	6
7	7.04	3.80B	8.88	23.8	31.2	9.85	2.78	3.03	2.88	2.73	4.27	62.2	7
8	8.23	3.50B	9.82	14.4	28.6	8.18	2.73	2.95	2.93	2.80	8.81	82.3	8
9	8.88	3.30B	11.3	10.3	28.3	6.31	2.79	2.88	2.90	2.78	22.0	62.8	9
10	8.02	3.10B	10.8	8.74	21.8	6.87	2.83	3.06	2.81	2.76	29.4	29.8	10
11	4.40	2.90B	25.3	8.38	16.3	6.88	3.06	3.08	2.83	3.09	18.3	16.4	11
12	8.98	2.60B	31.8	8.11	11.6	5.02	3.04	2.90	2.86	3.08	10.6	11.7	12
13	16.7	2.70B	24.4	8.25	8.37	4.23	3.01	2.85	3.04	2.88	8.10	8.20	13
14	12.4	2.80B	15.7	8.33	8.38	3.88	2.99	3.38	3.06	2.87	8.11	8.38	14
15	8.28	2.87A	11.3	8.81	8.87	3.31	3.04	3.87	3.01	2.80	7.10	8.88	15
16	11.0	2.81	8.81	13.8	8.88	3.78	3.28	3.26	3.18	2.74	7.07	8.00	16
17	17.3	2.87	8.06	20.4	8.18	3.44	3.34	3.14	3.18	2.88	7.82	4.82	17
18	14.8	3.40	8.24	20.8	8.43	2.87	3.33	3.02	3.18	8.84	7.84	4.23	18
19	11.0	3.83	7.38	22.2	8.49	2.78	3.02	3.02	3.10	4.80	8.89	4.01	19
20	9.01	3.80	8.78	88.7	4.03	2.88	2.73	3.08	3.13	8.77	11.8	3.70	20
21	8.24	4.18	7.31	83.5	3.11	2.44	2.87	3.23	3.07	18.2	12.4	3.88	21
22	7.32	18.8	7.88	88.7	2.78	2.81	2.87	3.32	3.08	20.8	9.72	4.00	22
23	8.27	28.8	7.24	38.7	2.84	2.83	2.98	3.20	3.02	24.8	10.4	4.08	23
24	8.81	18.7	8.82	28.3	2.71	2.80	2.89	3.07	3.08	24.3	11.7	4.18	24
25	8.00	12.8	8.87	23.8	2.88	2.43	2.88	3.00	3.05	17.2	11.0	3.88	25
26	4.82	8.87	8.84	21.8	3.74	2.44	2.88	2.98	3.33	33.6	8.81	3.77	26
27	8.34	7.38	7.88	18.8	4.80	2.82	2.75	3.02	3.02	17.8	8.80	3.74	27
28	8.18	8.31	8.88	16.4	4.10	3.10	2.70	3.05	3.01	10.2	8.82	3.88	28
29	8.47		10.4	18.1	4.23	3.09	3.08	2.99	2.96	7.39	8.24	3.85	29
30	16.8		8.88	22.0	4.71	3.17	3.12	2.94	2.93	8.22	7.19	3.48	30
31	20.0		12.4		8.22		3.27	2.89		8.38		4.81	31
TOTAL	282.48	181.03	321.88	884.89	377.16	184.27	88.20	97.12	88.91	288.24	282.78	886.88	TOTAL
MEAN	8.43	8.82	10.4	22.8	12.2	8.14	3.20	3.13	3.00	8.33	8.43	21.2	MEAN
MAX	20.0	28.8	31.8	83.8	31.2	12.8	8.18	4.14	3.33	34.8	29.4	144	MAX
MIN	4.40	2.87	4.05	8.11	2.88	2.43	2.87	2.88	2.81	2.87	4.20	3.48	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.80
MAXIMUM DAILY, 144 ON DEC 4
MINIMUM DAILY, 2.43 ON JUN 26
MAXIMUM INSTANTANEOUS,
188 AT 10:07 PST ON DEC 4

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 10 N
LONG 124 56 58 W
DRAINAGE AREA, 278 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1988

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	28 300	JUL	8 570
FEB	18 800	AUG	9 380
MAR	27 800	SEP	7 770
APR	88 200	OCT	22 300
MAY	32 800	NOV	24 400
JUN	13 300	DEC	88 800

TOTAL DISCHARGE, 303 000 dam³

ASHNOLA RIVER NEAR KEREMEOS - STATION NO. 08NL004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.20 B	0.700B	0.610B	0.808E	3.88E	22.9	8.82	3.80E	2.85	1.88	1.82	1.17	1
2	1.21 B	0.660B	0.780B	0.823	4.05	25.0 E	8.82	3.69	2.88E	1.87E	1.88E	1.80 E	2
3	1.21 B	0.620B	0.770B	0.833E	7.42E	27.1 E	8.82	3.53E	2.85	1.88	2.01	2.82	3
4	1.18 B	0.660B	0.780B	0.823E	10.9	28.3 E	8.72E	3.44	2.88E	1.88E	2.07E	3.87 E	4
5	1.10 B	0.670B	0.810B	0.823	13.2	31.4	8.61	3.43E	2.85	1.86	2.13E	3.31	5
6	1.01 B	0.690B	0.820B	0.828E	14.2 E	37.8	8.38E	3.42E	2.84E	1.88E	2.20	3.04 F	6
7	0.980B	0.710B	0.838B	0.833E	15.2 E	32.3	8.26	3.40	2.83	1.86	2.22E	2.88 E	7
8	0.900B	0.735B	0.880B	0.838	15.1	30.9 E	8.12E	3.24E	2.83E	1.84E	2.23	2.83	8
9	0.885B	0.780B	0.850B	1.10 E	28.3	28.5	7.88E	3.28	2.83	1.81	2.30E	1.88 E	9
10	0.860B	0.770B	0.848B	1.28 E	47.8	26.0 E	7.85	3.26E	2.82E	1.81E	2.36	1.89	10
11	0.880B	0.800B	0.840B	1.41	38.6 E	28.6 E	7.90	3.28	2.80	1.81	2.40E	0.878B	11
12	0.880B	0.830B	0.838	1.82 E	30.0	28.1	7.83E	3.30E	2.84	1.79E	2.43E	0.880B	12
13	0.880B	0.880B	0.828E	1.83 E	27.6 E	26.0 E	7.75	3.31	2.81	1.77	2.48E	0.900B	13
14	0.870B	0.870B	0.838	2.05	25.3 E	25.0	7.68E	3.26	2.80E	1.88E	2.48	0.920B	14
15	0.900B	0.880B	0.853E	2.38 E	22.0	22.9 E	7.21E	3.25E	2.49	1.82E	2.42E	0.980B	15
16	0.920B	0.900B	0.867	2.73 E	15.6	20.6 E	8.86E	3.21	2.47E	1.85	2.36	0.870B	16
17	0.880B	0.900B	0.880E	3.07	15.7 E	18.7	8.88	3.18E	2.48	1.87E	2.28E	1.00 B	17
18	0.880B	0.910B	0.883	3.24 E	15.7	15.4 E	8.88	3.08	2.48	1.88	2.20	1.08 B	18
19	0.840B	0.920B	0.880E	3.41	15.7 E	13.1	8.29	3.02E	2.48	1.84E	2.18E	1.12 B	19
20	0.900B	0.938B	0.867	4.28 E	15.7 E	11.7 E	8.24E	2.98E	2.38	1.86	2.11	1.20 B	20
21	0.880B	0.980B	0.880E	5.08	15.6 E	11.2 E	8.22E	2.90	2.38E	1.88E	1.90E	1.87 E	21
22	0.830B	1.00 B	0.863	4.85 E	15.6	10.6	8.16	2.88E	2.33	1.88E	1.86	1.88 E	22
23	0.810B	1.00 B	0.853E	4.62 E	15.6 E	10.2 E	8.41	2.80	2.28E	1.70	1.71E	1.88 E	23
24	0.810B	0.970B	0.853	4.70	15.6 E	9.89	3.72	2.74E	2.26	1.72E	1.74E	1.88 E	24
25	0.880B	0.940B	0.880E	3.89 E	15.6 E	9.68E	3.87	2.85	2.20	1.75	1.77	1.88	25
26	0.888B	0.920B	0.867	3.88	15.6	9.86E	3.82E	2.85E	2.13E	1.78E	1.78E	1.88 E	26
27	0.830B	0.810B	0.887E	3.35 E	15.6 E	9.83	3.87	2.83	2.04	1.88	1.81	1.87 E	27
28	0.870B	0.880B	0.867	3.73	15.7	9.43E	3.83E	2.83E	1.98E	1.88E	1.78E	1.87 E	28
29	1.00 B		0.874E	3.78 E	15.8 E	9.24E	3.83	2.83	1.83	1.80	1.86	1.87	29
30	1.05 B		0.881	3.87 E	16.0	9.05	3.82E	2.86	1.90	1.81E	1.43E	1.87 E	30
31	0.840B		0.888E		15.8 E		3.81E	2.88E		1.83		1.87 E	31
TOTAL	29.344	23.288	25.187	77.850	581.18	595.73	202.10	98.84	72.70	55.04	61.99	50.888	TOTAL
MEAN	0.947	0.831	0.845	2.58	18.1	19.8	8.52	3.08	2.42	1.78	2.07	1.84	MEAN
MAX	1.31	1.00	0.888	8.08	47.8	37.8	8.82	3.80	2.88	1.82	2.43	3.31	MAX
MIN	0.810	0.880	0.780	0.808	3.88	8.05	3.81	2.83	1.80	1.88	1.43	0.878	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.07
MAXIMUM DAILY, 47.8 ON MAY 10
MINIMUM DAILY, 0.808B ON FEB 3

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 12 33 N
LONG 119 58 33 W
DRAINAGE AREA, 1 080 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 840	JUL	17 800
FEB	2 010	AUG	8 280
MAR	2 280	SEP	8 280
APR	8 710	OCT	4 780
MAY	48 800	NOV	8 880
JUN	51 800	DEC	4 880

TOTAL DISCHARGE, 188 000 dam³

ATLIN LAKE AT ATLIN - STATION NO. 08AA001

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.594	---	---	---	1.212	1.800	2.237	2.891	3.140	2.884	2.338	1.889	1
2	1.585	---	---	---	1.218	1.818	2.268	3.008	3.128	2.885	2.318	1.881	2
3	1.571	1.489A	1.329A	---	1.229	1.841	2.292	3.028	3.117	2.859	2.304	1.871	3
4	1.585	---	---	---	1.248	1.887	2.316	3.028	3.113	2.852	2.288	1.885	4
5	---	---	---	---	1.256	1.895	2.342	3.044	3.108	2.843	2.270	1.888	5
6	---	---	---	---	1.271	1.729	2.368	3.082	3.100	2.833	2.261	1.860	6
7	---	---	---	---	1.288	1.744	2.393	3.073	3.100	2.828	2.229	1.829	7
8	---	---	---	---	1.313	1.764	2.421	3.081	3.106	2.818	2.208	1.818	8
9	---	---	---	---	1.330	1.784	2.455	3.080	3.108	2.808	2.178	1.802	9
10	---	1.413A	1.300A	---	1.348	1.808	2.488	3.077	3.108	2.793	2.161	1.801	10
11	---	---	---	---	1.388	1.824	2.523	3.081	3.107	2.770	2.145	1.785	11
12	---	---	---	1.264A	1.388	1.843	2.580	3.093	3.108	2.747	2.133	1.773	12
13	1.518A	---	---	---	1.376	1.884	2.598	3.112	3.088	2.727	2.122	1.773	13
14	---	---	---	---	1.383	1.901	2.638	3.128	3.078	2.707	2.109	1.787	14
15	---	---	---	---	1.395	1.927	2.689	3.140	3.068	2.693	2.098	1.781	15
16	---	---	---	---	1.403	1.943	2.690	3.141	3.030	2.884	2.088	1.784	16
17	---	1.377A	1.270A	---	1.413	1.958	2.712	3.150	3.008	2.851	2.070	1.762	17
18	1.507A	---	---	---	1.420	1.975	2.740	3.180	2.991	2.829	2.051	1.736	18
19	---	---	---	---	1.422	1.989	2.767	3.189	2.971	2.805	2.038	1.733	19
20	1.508A	---	---	1.260A	1.430	2.007	2.781	3.172	2.950	2.580	2.021	1.721	20
21	---	---	---	---	1.441	2.024	2.812	3.188	2.827	2.863	2.007	1.707	21
22	---	---	---	---	1.447	2.042	2.834	3.184	2.818	2.843	1.981	1.708	22
23	---	---	---	---	1.458	2.060	2.857	3.188	2.823	2.821	1.978	1.707	23
24	---	1.383A	1.264A	---	1.488	2.088	2.873	3.188	2.820	2.801	1.883	1.703	24
25	---	---	---	---	1.474	2.109	2.888	3.172	2.818	2.478	1.848	1.883	25
26	---	---	---	---	1.482	2.128	2.888	3.173	2.820	2.449	1.838	1.884	26
27	1.498A	---	---	---	1.483	2.142	2.908	3.187	2.818	2.431	1.834	1.881	27
28	---	1.338A	---	1.187A	1.804	2.183	2.820	3.182	2.804	2.408	1.831	1.871	28
29	---		---	---	1.518	2.182	2.933	3.161	2.880	2.382	1.818	1.871A	29
30	---		---	1.203	1.842	2.209	2.862	3.186	2.879	2.371	1.808	1.870E	30
31	---		---		1.871		2.871	2.161		2.384		1.868E	31
MEAN	---	---	---	---	1.388	1.914	2.648	3.117	3.021	2.648	2.087	1.780	MEAN
MAX	---	---	---	---	1.871	2.209	2.871	3.173	3.140	2.884	2.338	1.888	MAX
MIN	---	---	---	---	1.212	1.800	2.237	2.891	2.879	2.384	1.808	1.868	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1989

MAXIMUM DAILY, 3.173 ON AUG 26
MINIMUM DAILY, 1.187A ON APR 28
MAXIMUM INSTANTANEOUS,
3.194 AT 03:40 PST ON AUG 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 34 30 N
LONG 133 42 31 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 655.803 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1990 ADJ.)

ATLIN RIVER NEAR ATLIN - STATION NO. 08AA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	58.4	57.8E	45.0E	38.8E	38.8	68.0	140	267	283	236	163	87.8	1
2	57.7	57.4E	44.8E	38.7E	38.2	70.9	144	280	281	234	151	87.1	2
3	58.4	57.2A	44.8A	38.6E	37.0	73.1	147	283	278	235	148	86.1	3
4	58.8	58.0E	44.3E	38.8E	38.2	75.7	150	288	276	234	147	85.8	4
5	58.3E	58.2E	44.0E	39.0E	38.8	78.8	154	287	276	232	144	84.8	5
6	58.0E	58.7E	43.8E	39.0E	38.8	81.0	158	270	276	231	142	83.0	6
7	58.3E	58.0E	43.2E	39.0E	41.3	83.4	162	271	276	230	138	81.8	7
8	64.0E	64.0E	42.8E	39.0E	43.2	86.4	165	273	277	228	138	80.8	8
9	63.7E	63.1E	42.4E	39.2E	44.7	87.4	171	273	276	226	132	80.2	9
10	63.3E	62.2A	42.0A	39.3E	46.3	88.8	176	272	277	224	130	80.1	10
11	63.0E	61.0E	41.8E	39.4E	47.2	91.4	181	273	277	220	128	87.8	11
12	62.3E	60.2E	41.2E	39.5A	48.3	93.3	187	278	277	217	126	88.3	12
13	61.7A	60.8E	41.0E	39.6E	48.8	96.4	192	278	276	213	125	88.3	13
14	61.0E	60.8E	40.8E	40.0E	49.6	99.1	198	281	272	210	123	85.7	14
15	60.8E	60.6E	40.2E	40.1E	50.8	102	204	283	268	208	122	85.1	15
16	60.7E	60.3E	40.0E	40.0E	51.2	104	207	283	264	203	120	84.4	16
17	60.8E	60.8A	39.8A	39.8E	52.1	105	211	284	260	201	116	83.2	17
18	60.8A	60.2E	39.8E	39.8E	52.8	107	215	288	257	198	116	82.6	18
19	60.7E	60.0E	39.8E	39.4E	53.9	109	220	288	254	194	114	82.3	19
20	60.8A	67.7E	39.8E	39.3A	53.7	111	224	288	260	190	112	81.1	20
21	60.8E	67.8E	39.3E	38.8E	54.7	113	227	288	247	187	111	78.7	21
22	60.3E	67.3E	39.2E	37.8E	56.2	115	231	287	245	184	108	78.8	22
23	60.0E	67.0E	39.0E	38.8E	58.0	117	235	288	248	181	108	78.7	23
24	60.0E	68.7A	38.8A	38.4E	58.9	120	237	287	245	178	108	78.5	24
25	59.8E	68.3E	38.8E	38.8E	57.8	123	240	288	248	174	104	78.3	25
26	59.8E	68.0E	38.8E	38.3E	58.3	128	243	288	248	170	103	77.4	26
27	59.8A	65.8E	38.4E	38.0E	58.4	128	243	287	244	168	103	77.1	27
28	59.8E	65.2A	38.3E	38.1A	58.3	130	248	287	243	164	102	76.1	28
29	58.0E		38.4E	38.7E	61.8	133	248	288	240	162	101	76.1A	29
30	58.3E		38.0E	38.2	62.8	138	251	288	239	158	99.8	76.0E	30
31	57.8E		38.0E		68.4		254	288		156		76.8E	31
TOTAL	1 821.1	1 419.3	1 288.7	1 141.3	1 658.7	3 062.1	8 251	8 847	7 877	6 248	3 873.5	2 835.0	TOTAL
MEAN	62.0	60.7	40.8	38.0	60.3	102	202	279	283	201	122	85.0	MEAN
MAX	68.4	67.8	45.0	40.1	68.4	138	254	288	283	236	163	87.8	MAX
MIN	57.8	46.2	38.3	34.0	38.8	68.0	140	267	239	156	99.8	76.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1989

MEAN, 135
MAXIMUM DAILY, 288 ON AUG 18
MINIMUM DAILY, 34.0E ON APR 27
MAXIMUM INSTANTANEOUS,
293 AT 03:40 PST ON AUG 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 35 57 N
LONG 133 48 48 W
DRAINAGE AREA, 8 810 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	188 000	JUL	841 000
FEB	123 000	AUG	747 000
MAR	108 000	SEP	681 000
APR	98 800	OCT	540 000
MAY	138 000	NOV	317 000
JUN	264 000	DEC	235 000

TOTAL DISCHARGE, 3 880 000 dam³

ATNARKO RIVER NEAR THE MOUTH - STATION NO. 08FB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10 4	11 0 B	8 208	7 72	84.1	119	43.3	31.9	18.5	10.8	11.0	18.5	1
2	10 4	10 1 B	8 178	7 80	70 9	118	41.5	32.6	17.9	10.5	11.2	20.5	2
3	10 8	9 808	8 108	7 84	78.1	117	38.8	31.7	17.7	10.8A	17.8	23.3	3
4	10 8	9 758	8 158	7 72	87.8	124	38.6	30.8	17.4	10.7	21.0	22.8	4
5	10 7	9 858	8 408	7 49	92.0	123	37.7	29.8	16.8	10.7	17.6	21.2	5
6	10 6	10 0 B	8 81	7 76	87.4	108	36.8	28.8	16.2	10.8	16.2	20.4	6
7	9 85	10 1 B	8 62	8 17	86.8	103	36.5	28.4	16.1	10.3	15.7	20.3	7
8	9 408	10 2 B	8 62	8 18	85 6	95 6	47.3	27.6	15.5	10.2	16.3	20.2	8
9	9 208	10 4 B	8 51	8 06	81.7	90.1	47.0	27.0	14.9	10.4	36.5	18.8	9
10	9 208	10 4 B	8 45	8 39	88.0	88.8	88.8	26.9	14.4	10.9	38.8	18.9	10
11	9 508	10 4 B	8 32	8 70	74 1	88.8	80.8	26.7	14.2	10.7	33.7	18.5	11
12	10 1	10 3 B	8 23	8 89	83 3	86.7	76.8	26.3	14.0	10.8	31.4	18.8	12
13	10 3	10 1 B	8 28	9 86	87.2	83.1	73.1	24.9	14.1	10.7	24.5	18.2	13
14	10 4	9 808	7 96	11 5	88.4	78.8	68.7	25.8	13.8	10.4	26.2	17.7	14
15	10 2	9 808	8 04	13.3	88.3	71.0	62.8	25.4	13.3	10.8	28.2	17.8	15
16	10 3	9 808	7 90	13.8	72.2	63.8	57.8	26.2	13.6	10.3	24.5	17.2	16
17	10 3	9 808	7 87	13.8	88.1	80.4	53.8	25.8	12.7	10.7	23.7	16.8	17
18	10 1	10 2 B	7 63	14.8	88.4	88.8	49.8	25.3	12.7	10.3	31.8	16.3	18
19	10 1	10 7 B	7 48	16.4	48.2	80.8	46.1	24.7	12.3	14.1	38.8	16.0	19
20	10 0 B	10 8 B	7 38	18.8	48.3	47.3	41.8	24.8	11.9	13.7	31.2	14.8	20
21	9 908	9 808	7 37	21 5	48.5	48.0	38.7	25.5	11.8	13.8	28.1	14.3	21
22	9 808	9 908	7 52	21.8	44.2	48.3	37.6	25.8	11.7	12.3	26.4	15.8	22
23	9 708	9 708	7 38	21.8	44.6	48.1	37.8	24.8	11.4	13.2	26.2	17.8	23
24	9 808	9 808	7 31	22.4	50.1	45.8	37.2	24.1	11.1	13.4	24.3	17.1	24
25	9 658	9 658	7 32	24.8	52.7	50.7	36.4	23.2	11.1	13.8	22.3	17.3	25
26	9 81	9 508	7 43	26 3	50 6	48 0	34.4	22.1	11.0	12.8	21.3	18.4	26
27	10 1	9 458	7 51	30.3	50.7	42.5	33.4	21.3	11.1	11.9	20.7	18.8	27
28	10 1	9 408	7 65	33.0	54.8	40.9	32.1	20.8	10.9	11.3	20.8	18.8	28
29	10 5		7 55	40 1	85.5	40.8	32.5	20.3	11.0	11.6	19.7	18.4	29
30	12 0		7 84	63 0	83.7	41.5	32.4	19.8	11.2	11.7	18.8	18.0	30
31	11 5		7 42		88.1		32.2	19.2		11.2		17.5	31
TOTAL	318 11	273 00	244 41	506.35	2 106 5	2 233.8	1 431.4	795.1	409.1	355.0	733.4	571.2	TOTAL
MEAN	10 2	9 75	7 88	16 8	87.8	74.5	46.2	25.8	13.8	11.5	24.1	18.4	MEAN
MAX	12 0	11 0	8 62	63 0	88.8	124	80.8	32.6	18.5	18.3	38.8	23.3	MAX
MIN	9 20	9 40	7 32	7 49	44.2	40.8	32.1	19.2	10.9	10.2	11.0	14.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 37 3
MAXIMUM DAILY, 124 ON JUN 4
MINIMUM DAILY, 7 32 ON MAR 25
MAXIMUM INSTANTANEOUS
148 AT 23 16 PST ON JUN 4

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 31 39 N
LONG 128 00 10 W
DRAINAGE AREA, 2 430 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	27 200	JUL	124 000
FEB	23 800	AUG	88 700
MAR	21 100	SEP	38 300
APR	43 700	OCT	30 600
MAY	183 000	NOV	82 500
JUN	193 000	DEC	48 400

TOTAL DISCHARGE, 881 000 dam³

AUSTRALIAN CREEK AT AUSTRALIAN - STATION NO. 08KE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0 743	0.145	0.044	0.088	0.028	0.035	0.083E	---	1
2	---	---	---	---	0 714	0.132	0.043E	0.083	0.023E	0.041E	0.088	---	2
3	---	---	---	---	0 673	0.088	0.048	0.101E	0.021	0.047	0.118	---	3
4	---	---	---	---	0 687	0.080	0.043E	0.110	0.017	0.052E	0.124E	---	4
5	---	---	---	---	0 633	0.068	0.038	0.103E	0.018E	0.058	0.138	---	5
6	---	---	---	---	0 618	0.063	0.033E	0.086	0.014	0.082E	0.134	---	6
7	---	---	---	---	0 588	0.057	0.038	0.080E	0.011E	0.067	0.130E	---	7
8	---	---	---	---	0 576	0.052	0.028E	0.085	0.008	0.071E	0.120	---	8
9	---	---	---	---	0 533	0.052	0.021	0.080	0.005E	0.075	0.105	---	9
10	---	---	---	---	0 471	0.048	0.024	0.078	0.010	0.077E	0.100E	---	10
11	---	---	---	---	0 387	0.080	0.038	0.073E	0.011E	0.080	0.094	---	11
12	---	---	---	---	0 359	0.048	0.032E	0.068	0.013	0.081E	0.293	---	12
13	---	---	---	---	0 283	0.044	0.036	0.083	0.014E	0.082	0.140	---	13
14	---	---	---	---	0 246	0.038	0.038E	0.068	0.018	0.085	0.134	---	14
15	---	---	---	0 201	0 249	0.032	0.048	0.081	0.018E	0.088E	0.138E	---	15
16	---	---	---	0 208	0 234	0.024	0.057E	0.057E	0.018	0.087	0.123	---	16
17	---	---	---	0 228	0 283	0.021	0.068	0.064	0.017E	0.085	0.181	---	17
18	---	---	---	0 328	0 328	0.021	0.073E	0.060	0.018	0.083	0.218E	---	18
19	---	---	---	0 348	0 338	0.022	0.077	0.049E	0.017	0.088E	0.281	---	19
20	---	---	---	0 480	0 388	0.024	0.047	0.048	0.018	0.088	0.287	---	20
21	---	---	---	0 628	0.334	0.030	0.088	0.085	0.018E	0.101	0.270E	---	21
22	---	---	---	0 774	0.350	0.023	0.107	0.073	0.018	0.088	0.244	---	22
23	---	---	---	0 817	0.313	0.018	0.100E	0.075	0.015E	0.110	0.321	---	23
24	---	---	---	0 878	0.288	0.018	0.083	0.071E	0.013	0.104	0.218E	---	24
25	---	---	---	0 880	0.304	0.010	0.083E	0.068	0.012E	0.100E	0.181E	---	25
26	---	---	---	0 885	0.287	0.008	0.073	0.083E	0.010	0.088	0.181E	---	26
27	---	---	---	0 842	0.288	0.013	0.073E	0.068	0.012E	0.088E	0.180E	---	27
28	---	---	---	0 846	0.248	0.016	0.072	0.063E	0.025	0.083	0.170E	---	28
29	---		---	0 882	0.213	0.028	0.088E	0.048	0.028E	0.085	0.160E	---	29
30	---		---	0 850	0.180	0.040	0.085	0.038E	0.033	0.088E	0.150E	---	30
31	---		---		0 184		0.081E	0.030		0.088		---	31
TOTAL	---	---	---	---	12.188	1.310	1.780	2.120	0.498	2.521	5.003	---	TOTAL
MEAN	---	---	---	---	0.393	0.044	0.057	0.068	0.017	0.081	0.187	---	MEAN
MAX	---	---	---	---	0 743	0.145	0.107	0.110	0.033	0.110	0.387	---	MAX
MIN	---	---	---	---	0.184	0.008	0.021	0.030	0.008	0.035	0.083	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0 885 ON APR 26

DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 43 16 N
LONG 122 26 36 W
DRAINAGE AREA, 184 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1987

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	154
FEB	---	AUG	183
MAR	---	SEP	62.8
APR	---	OCT	216
MAY	1 080	NOV	432
JUN	113	DEC	---

AVERILL CREEK NEAR DUNCAN - STATION NO. 08HA015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.838	0.076	0.031	0.057	0.002	0.030	---	---	---	1
2	---	---	---	0.855	0.076	0.021	0.041	0.003	0.007	---	---	---	2
3	---	---	---	0.833	0.068	0.017	0.022	0.004	0.007	---	---	---	3
4	---	---	---	0.838	0.074	0.011	0.008	0.004	0.013	---	---	---	4
5	---	---	---	1.15	0.077	0.008	0.008	0.003	0.008	---	---	---	5
6	---	---	---	1.40	0.077	0.007	0.008	0.002	0.007	---	---	---	6
7	---	---	---	0.888	0.088	0.008	0.008	0.001	0.007	---	---	---	7
8	---	---	---	0.531	0.084	0.011	0.008	0.001	0.007	---	---	---	8
9	---	---	---	0.443	0.088	0.008	0.008	0.001	0.007	---	---	---	9
10	---	---	---	0.388	0.088	0.008	0.008	0.001	0.007	---	---	---	10
11	---	---	---	0.311	0.088	0.008	0.007	0.001	0.007	---	---	---	11
12	---	---	---	0.288	0.088	0.004	0.008	0.001	0.008	---	---	---	12
13	---	---	---	0.280	0.083	0.004	0.005	0.001	0.007	---	---	---	13
14	---	---	---	0.261	0.080	0.008	0.004	0.021	0.007	---	---	---	14
15	---	---	---	0.218	0.044	0.008	0.003	0.007	0.008	---	---	---	15
16	---	---	---	0.211	0.041	0.008	0.008	0.008	0.007	---	---	---	16
17	---	---	---	0.184	0.078	0.008	0.008	0.008	0.008	---	---	---	17
18	---	---	---	0.161	0.054	0.008	0.008	0.005	0.008	---	---	---	18
19	---	---	---	0.178	0.051	0.008	0.007	0.005	0.007	---	---	---	19
20	---	---	---	0.178	0.044	0.004	0.008	0.008	0.007	---	---	---	20
21	---	---	---	0.180	0.038	0.005	0.008	0.081	0.007	---	---	---	21
22	---	---	---	0.158	0.044	0.005	0.008	0.008	0.007	---	---	---	22
23	---	---	---	0.135	0.048	0.005	0.008	0.008	0.007	---	---	---	23
24	---	---	---	0.127	0.038	0.004	0.005	0.008	0.007	---	---	---	24
25	---	---	---	0.128	0.044	0.003	0.004	0.008	0.007	---	---	---	25
26	---	---	---	0.240	0.078	0.004	0.002	0.008	0.008	---	---	---	26
27	---	---	---	0.130	0.048	0.003	0.002	0.008	0.007	---	---	---	27
28	---	---	---	0.113	0.058	0.008	0.002	0.008	0.008	---	---	---	28
29	---		0.413	0.105	0.081	0.008	0.001	0.008	0.008	---	---	---	29
30	---		---	0.088	0.044	0.038	0.002	0.008	0.008	---	---	---	30
31	---		---		0.039		0.002	0.008		---	---	---	31
TOTAL	---	---	---	10.878	1.788	0.248	0.278	0.238	0.238	---	---	---	TOTAL
MEAN	---	---	---	0.383	0.057	0.008	0.008	0.008	0.008	---	---	---	MEAN
MAX	---	---	---	1.40	0.088	0.031	0.057	0.081	0.030	---	---	---	MAX
MIN	---	---	---	0.088	0.038	0.003	0.001	0.001	0.008	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 47 48 N
LONG 123 42 54 W
DRAINAGE AREA, 17.1 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	33.6
FEB	---	AUG	30.6
MAR	---	SEP	30.8
APR	940	OCT	---
MAY	153	NOV	---
JUN	21.2	DEC	---

B.X. CREEK ABOVE VERNON INTAKE - STATION NO. 08NM020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.052A	0.038A	0.034A	0.183	1.38	1.00	0.381	0.084	0.111	0.038	0.087A	0.082	1
2	0.052A	0.038B	0.034A	0.178	1.77	0.972	0.310	0.081	0.304	0.038	0.088A	0.087	2
3	0.054A	0.034A	0.035A	0.184	1.78	0.905	0.260	0.180	0.237	0.035	0.116A	0.084	3
4	0.054A	0.038A	0.033A	0.184	1.78	0.845	0.223	0.117	0.170	0.036	0.183A	0.054	4
5	0.054A	0.036A	0.032A	0.284	1.78	0.804	0.194	0.082	0.180	0.037	0.147A	0.088	5
6	0.053A	0.027A	0.033A	0.333	1.84	0.730	0.178	0.078	0.140	0.035	0.138A	0.088A	6
7	0.048A	0.031A	0.034A	0.380	1.82	0.624	0.163	0.088	0.130	0.038	0.133A	0.084A	7
8	0.052A	0.033A	0.036	0.378	1.86	0.563	0.153	0.087	0.118	0.034	0.127A	0.087A	8
9	0.048A	0.027A	0.032	0.388	1.83	0.536	0.148	0.080	0.107	0.033	0.144A	0.086A	9
10	0.048A	0.027A	0.035	0.401	2.30	0.508	0.187	0.081	0.101	0.034	0.187A	0.080A	10
11	0.047A	0.028A	0.041	0.487	1.95	0.482	0.187	0.088	0.082	0.038	0.182A	0.028A	11
12	0.047A	0.028A	0.088	0.552	1.93	0.417	0.141	0.081	0.088	0.040	0.148A	0.083A	12
13	0.048A	0.030A	0.086	0.588	1.38	0.401	0.131	0.087	0.088	0.038	0.133A	0.087A	13
14	0.052A	0.027A	0.078	0.620	1.03	0.526	0.126	0.082	0.078	0.043	0.132A	0.083A	14
15	0.048A	0.027A	0.084	1.07	0.878	0.588	0.276	0.126	0.074	0.041	0.236A	0.048A	15
16	0.048A	0.028A	0.082	0.877	0.808	0.480	0.230	0.084	0.072	0.040	0.387A	0.048A	16
17	0.052A	0.031A	0.081	0.888	0.847	0.414	0.182	0.138	0.078	0.038A	0.304	0.048A	17
18	0.048A	0.028A	0.088	0.828	0.873	0.381	0.188	0.104	0.078	0.039A	0.074	0.038A	18
19	0.048A	0.032A	0.080	0.883	0.788	0.362	0.138	0.084	0.074	0.038A	0.070	0.082A	19
20	0.048A	0.038A	0.088	1.32	0.748	0.388	0.123	0.083	0.072	0.101A	0.083	0.082A	20
21	0.048A	0.033A	0.081	1.24	0.708	0.341	0.110	0.080	0.088	0.088A	0.084	0.083A	21
22	0.048A	0.038A	0.083	0.988	0.708	0.338	0.102	0.084	0.082	0.088A	0.087	0.084A	22
23	0.038A	0.038A	0.118	0.671	0.674	0.309	0.084	0.084	0.084	0.101A	0.070	0.048A	23
24	0.048A	0.038A	0.117	0.827	1.18	0.280	0.088	0.073	0.081	0.118A	0.087	0.047A	24
25	0.041A	0.036A	0.180	0.782	1.38	0.288	0.078	0.088	0.048	0.103A	0.088	0.048A	25
26	0.044A	0.038A	0.178	0.781	1.38	0.248	0.074	0.088	0.048	0.103A	0.089	0.047A	26
27	0.048A	0.038A	0.202	0.778	1.30	0.228	0.087	0.080	0.048	0.103A	0.082	0.047A	27
28	0.043A	0.036A	0.193	0.824	1.30	0.218	0.080	0.074	0.048	0.110A	0.082	0.047A	28
29	0.043A		0.207	0.838	1.04	0.227	0.074	0.088	0.043	0.104A	0.081	0.047A	29
30	0.048A		0.207	1.11	0.887	0.281	0.084	0.082	0.040	0.104E	0.088	0.048A	30
31	0.038A		0.187		1.01		0.080	0.088		0.104A		0.048A	31
TOTAL	1.481	0.911	2.705	20.413	40.818	14.593	4.738	3.880	2.874	1.882	3.814	1.877	TOTAL
MEAN	0.048	0.033	0.087	0.880	1.32	0.488	0.153	0.084	0.088	0.083	0.120	0.081	MEAN
MAX	0.084	0.038	0.207	1.24	2.30	1.00	0.381	0.180	0.304	0.118	0.338	0.084	MAX
MIN	0.038	0.027	0.032	0.184	0.708	0.218	0.080	0.081	0.040	0.033	0.088	0.028	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.288
MAXIMUM DAILY, 2.30 ON MAY 10
MINIMUM DAILY, 0.028A ON DEC 11
MAXIMUM INSTANTANEOUS,
3.81 AT 14:12 PST ON MAY 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 18 03 N
LONG 119 13 30 W
DRAINAGE AREA, 55.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	138	JUL	408
FEB	78.7	AUG	334
MAR	234	SEP	248
APR	1 780	OCT	188
MAY	3 530	NOV	312
JUN	1 260	DEC	136

TOTAL DISCHARGE, 8 490 dam³

SABINE LAKE AT TOPLEY LANDING - STATION NO. 08EC003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.881	---	1.392	---	---	---	---	---	1
2	0.837	---	---	---	---	---	---	---	---	0.851	---	---	2
3	---	---	---	0.787	1.083	1.827	---	1.182	---	---	---	0.783	3
4	---	---	---	---	---	---	1.374	---	0.886	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	0.785	---	---	---	---	---	1.132	---	---	---	---	6
7	---	---	0.788	---	1.285	1.813	---	---	---	---	---	0.788	7
8	---	---	---	---	1.278	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	0.818	---	---	9
10	---	---	---	0.777	---	1.881	---	1.102	---	---	---	---	10
11	---	---	---	---	1.387	---	1.338	---	0.933	---	---	0.781	11
12	0.823	---	---	---	---	1.873	---	---	---	---	---	---	12
13	---	0.777	0.783	0.776	1.436	---	---	---	---	---	---	---	13
14	---	---	---	---	---	1.881	---	1.082	---	---	---	---	14
15	---	---	---	---	1.478	---	1.312	---	---	---	---	---	15
16	0.818	---	---	---	---	---	---	---	---	0.787	0.784	---	16
17	---	---	---	0.781	1.518	1.837	---	---	---	---	---	---	17
18	---	---	---	---	1.541	---	---	---	0.877	---	---	---	18
19	---	---	---	---	---	1.809	---	---	---	---	---	---	19
20	---	0.771	0.788	---	1.577	---	---	---	---	---	---	---	20
21	---	---	---	---	---	1.687	---	1.040	---	---	0.785	---	21
22	---	---	---	0.808	---	---	---	---	---	---	---	---	22
23	0.807	---	---	---	1.601	---	---	---	---	---	---	---	23
24	---	---	---	0.831	---	1.663	---	---	---	---	---	0.784	24
25	---	---	---	---	1.813	---	1.230	---	0.889	---	---	---	25
26	---	---	---	0.883	---	1.438	---	---	---	---	---	---	26
27	---	0.775	0.785	---	1.825	---	---	---	---	0.773	---	0.784	27
28	---	---	---	---	---	1.426	1.308	---	---	---	---	---	28
29	---		---	0.843	1.818	---	---	1.002	---	---	---	---	29
30	0.801		---	---	---	---	---	---	---	0.770	0.783	---	30
31	---		---		1.823		1.183	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 48 25 N
LONG 130 05 20 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 708.523 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SABINE RIVER AT SABINE - STATION NO. 08EC001

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.811	0.783	1.371	1.148	0.828	0.768	0.825	0.883	0.848	1
2	---	---	---	0.811	0.831	1.388	1.138	0.804	0.730	0.831	0.882	0.871	2
3	---	---	---	0.808	0.887	1.373	1.133	0.884	0.781	0.828	0.888	0.868	3
4	---	---	---	0.804	0.813	1.370	1.118	0.888	0.728	0.820	0.888	0.870	4
5	---	---	---	0.888	0.880	1.383	1.113	0.894	0.718	0.820	0.889	0.887	5
6	---	---	---	0.888	1.000	1.381	1.108	0.888	0.708	0.828	0.888	0.888	6
7	---	---	---	0.887	1.044	1.387	1.106	0.881	0.708	0.828	0.884	0.888	7
8	---	---	---	0.883	1.061	1.388	1.103	0.871	0.708	0.817	0.887	0.887	8
9	---	---	---	0.880	1.108	1.347	1.087	0.881	0.708	0.820	0.881	0.883	9
10	---	---	---	0.888	1.138	1.341	1.087	0.883	0.702	0.812	0.882	0.888	10
11	0.808A	---	---	0.881	1.181	1.338	1.083	0.848	0.883	0.813	0.880	0.888	11
12	---	---	---	0.874	1.187	1.328	1.081	0.842	0.888	0.882	0.883	0.888	12
13	---	---	---	0.873	1.207	1.322	1.078	0.844	0.881	0.880	0.880	0.888	13
14	---	---	---	0.878	1.223	1.321	1.071	0.838	0.870	0.878	0.838	0.888	14
15	---	---	---	0.878	1.248	1.301	1.068	0.830	0.887	0.877	0.881	0.884	15
16	---	---	---	0.880	1.288	1.280	1.088	0.827	0.888	0.878	0.848	0.881	16
17	---	---	---	0.880	1.273	1.268	1.048	0.824	0.888	0.887	0.883	0.883	17
18	---	---	---	0.882	1.287	1.278	1.037	0.818	0.884	0.888	0.881	0.888	18
19	---	---	---	0.884	1.318	1.248	1.024	0.810	0.888	0.884	0.881	0.888	19
20	---	---	---	0.884	1.327	1.333	1.022	0.811	0.888	0.888	0.881	0.883	20
21	---	---	---	0.881	1.344	1.341	1.012	0.808	0.887	0.878	0.880	0.888	21
22	---	---	---	0.881	1.388	1.331	1.003	0.801	0.884	0.887	0.880	0.888	22
23	---	---	---	0.888	1.387	1.313	0.981	0.800	0.841	0.883	0.888	0.872	23
24	---	---	---	0.830	1.380	1.309	0.884	0.788	0.838	0.884	0.847	0.878	24
25	---	---	---	0.833	1.387	1.187	0.878	0.783	0.837	0.878	0.844	0.878	25
26	---	---	---	0.848	1.388	1.173	0.873	0.788	0.838	0.873	0.881	0.883	26
27	---	---	---	0.871	1.388	1.188	0.873	0.782	0.838	0.880	0.872	0.878	27
28	---	0.888A	---	0.880	1.370	1.173	0.881	0.782	0.833	0.883	0.888	0.874	28
29	---		0.834A	0.718	1.388	1.183	0.880	0.774	0.838	0.872	0.888	0.872	29
30	---		0.818	0.781	1.388	1.188	0.844	0.783	0.838	0.888	0.880	0.872	30
31	---		0.818		1.370		0.838	0.788		0.888		0.872	31
MEAN	---	---	---	0.811	1.301	1.261	1.048	0.832	0.878	0.883	0.884	0.885	MEAN
MAX	---	---	---	0.781	1.370	1.373	1.148	0.828	0.781	0.828	0.872	0.883	MAX
MIN	---	---	---	0.873	0.783	1.188	0.838	0.788	0.833	0.888	0.838	0.848	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 1.373 ON JUN 3

MAXIMUM INSTANTANEOUS,
1.388 AT 19:24 PST ON MAY 25

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 19 35 N
LONG 128 37 40 W

A - MANUAL GAUGE

NATURAL FLOW

DRAINAGE AREA,
8 480 KM^2

BABINE RIVER AT OUTLET OF NILKITKWA LAKE - STATION NO. 08EC013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.38	18.3	18.1	18.2	81.8	87.7	87.8	44.3	30.4	19.8	18.2	17.3	1
2	20.38	18.2	18.1	18.3	86.0	86.5	86.3	42.8	29.0	19.4	18.2	16.3	2
3	20.38	18.8	18.2	18.4	86.4	86.4	86.2	41.4	28.3	19.5	18.3	16.4	3
4	20.38	18.8	18.1	18.1	83.1	86.6	84.0	41.4	28.0	19.5	18.5	16.5	4
5	20.38	18.6	18.1	17.8	86.1	86.8	83.8	41.4	27.3	19.7	18.5	16.4	5
6	20.48	18.8	18.1	17.8	70.0	86.1	82.2	40.8	26.8	19.8	18.3	16.4	6
7	20.48	18.8	18.3	17.8	74.0	84.3	82.0	40.3	26.7	20.3	18.3	16.1	7
8	20.48	18.8	18.4	18.0	78.8	83.2	82.8	39.8	26.4	20.2	18.8	16.3	8
9	20.48	18.7	18.1	18.1	77.8	82.1	82.8	39.4	26.1	20.4	18.4	16.1	9
10	20.48	18.8	18.2	18.0	77.3	81.0	82.1	38.8	25.4	20.2	18.3	17.8	10
11	20.48	18.8	18.0	17.8	78.8	80.8	81.8	37.7	24.8	20.8	17.8	18.1	11
12	21.8	18.3	18.1	17.8	77.0	80.8	81.2	37.8	24.1	20.0	17.8	18.2	12
13	20.8	18.3	17.8	18.0	78.1	80.8	80.7	37.7	23.8	19.8	17.7	18.2	13
14	20.4	18.2	18.4	18.3	79.1	80.8	80.8	37.7	23.8	19.1	17.0	18.2	14
15	20.8	18.3	18.4	18.2	81.4	80.8	80.1	36.7	22.3	18.8	17.2	18.1	15
16	21.1	18.4	18.8	18.8	83.3	84.1	87.9	36.3	21.8	18.7	17.4	18.1	16
17	21.3	18.2	18.2	18.4	83.1	83.0	88.8	36.1	21.7	18.7	17.2	18.1	17
18	21.4	18.0	18.0	18.8	84.2	81.8	88.1	36.8	21.8	18.8	17.7	18.0	18
19	21.1	18.0	18.2	20.8	85.8	78.8	84.8	35.2	22.0	18.9	18.1	18.1	19
20	21.8	17.8	18.1	22.3	86.0	75.8	84.3	34.8	22.3	20.1	18.2	17.8	20
21	21.1	18.0	18.1	24.1	87.3	78.4	83.2	34.7	22.0	18.7	18.8	17.8	21
22	20.2	18.0	18.2	25.7	88.4	76.1	82.0	34.2	21.3	18.1	18.4	17.8	22
23	19.8	18.3	18.1	28.0	88.3	74.0	80.4	34.8	20.8	18.5	18.2	18.0	23
24	19.8	18.4	18.0	30.5	88.4	74.0	48.8	33.8	20.7	18.4	18.0	18.1	24
25	20.8	18.8	18.1	33.1	80.0	72.4	48.3	33.2	20.0	18.8	17.8	18.4	25
26	21.8	18.8	18.3	38.1	80.1	70.0	48.8	33.3	19.8	18.3	17.9	18.8	26
27	20.8	18.3	18.4	38.1	89.8	69.2	48.4	33.8	18.8	18.8	18.2	19.1	27
28	21.4	18.3	18.7	42.0	80.8	89.8	48.0	33.8	19.0	18.3	18.4	18.9	28
29	20.8		18.8	44.4	83.1	88.8	48.8	33.2	19.3	18.8	17.8	19.2	29
30	20.4		18.4	47.8	88.3	87.8	48.3	32.4	19.9	18.8	17.8	19.3	30
31	20.3		18.3		88.3		48.0	31.8		18.3		18.4	31
TOTAL	640.8	517.8	584.8	732.1	2 490.4	2 515.8	1 787.7	1 142.7	704.8	901.8	543.3	537.8	TOTAL
MEAN	20.7	18.5	18.2	24.1	80.3	83.8	88.7	36.8	23.8	18.4	18.1	18.3	MEAN
MAX	21.8	18.3	18.7	47.8	88.3	87.7	87.8	44.3	30.4	20.8	18.2	18.8	MAX
MIN	19.8	17.8	17.8	17.8	81.8	87.8	48.8	31.8	18.8	18.3	17.8	17.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 35.0
MAXIMUM DAILY, 88.3 ON MAY 31
MINIMUM DAILY, 17.0 ON NOV 14
MAXIMUM INSTANTANEOUS,
89.1 AT 07:45 PST ON MAY 31

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 25 30 N
LONG 128 42 10 W
DRAINAGE AREA, 6 780 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	85 300	JUL	152 000
FEB	44 700	AUG	88 700
MAR	48 800	SEP	60 800
APR	62 400	OCT	52 000
MAY	215 000	NOV	48 800
JUN	217 000	DEC	48 100

TOTAL DISCHARGE, 1 100 000 dam³

BAEZAEKO RIVER AT LOT 10282 - STATION NO. 08KG003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.6588	0.6408	0.6358	0.6008	8.14	2.93	1.87	2.72	2.87	1.42	1.13 B	0.8458	1
2	0.6508	0.6188	0.6308	0.6058	8.47	2.78	1.88	2.63	2.80	1.36	1.21	0.8558	2
3	0.6708	0.6408	0.6308	0.6108	8.48	2.80	1.77	2.79	2.33	1.38	1.32	0.8708	3
4	0.6828	0.6588	0.6388	0.6248	4.88	2.80	1.78	2.84	2.32	1.31	1.48	0.8808	4
5	0.6848	0.6858	0.6388	0.6388	4.88	2.37	2.88	2.82	2.14	1.31	1.48	0.8808	5
6	0.6878	0.6808	0.6428	0.6858	4.41	2.21	3.28	3.38	2.08	1.31	1.28 B	0.8488	6
7	0.6888	0.6478	0.6428	0.6888	4.28	2.14	3.34	2.20	1.88	1.30	1.28 B	0.8308	7
8	0.6908	0.6428	0.6428	0.7288	4.04	2.09	3.38	2.08	1.88	1.28	1.30 B	0.8308	8
9	0.6738	0.6408	0.6408	0.7808	3.62	2.08	3.18	2.01	1.81	1.38	1.37	0.8008	9
10	0.6888	0.6408	0.6388	0.8508	3.88	2.06	3.10	2.02	1.78	1.23	1.33	0.8608	10
11	0.6408	0.6408	0.6328	0.8208	3.48	2.00	3.73	2.01	1.88	1.21	0.8058	0.8558	11
12	0.6308	0.6408	0.6308	1.00 B	3.28	1.88	4.73	2.03	1.84	1.18	0.8008	0.8488	12
13	0.6288	0.6388	0.6288	1.10 B	3.08	1.88	4.34	1.84	1.84	1.18	0.7708	0.8388	13
14	0.6208	0.6278	0.6288	1.28 B	2.80	1.88	3.81	1.87	1.84	1.18	0.8308	0.8288	14
15	0.6178	0.6208	0.6288	1.80 B	2.78	1.78	3.34	2.02	1.81	1.188	0.8288	0.8208	15
16	0.6158	0.6208	0.6278	2.08 B	2.88	1.81	3.32	2.17	1.48	1.088	0.8708	0.8108	16
17	0.6128	0.6208	0.6288	2.88 B	2.81	1.83	3.12	2.37	1.62	1.188	1.02 B	0.8008	17
18	0.6108	0.6238	0.6328	3.51 B	2.88	1.84	2.88	2.27	1.87	1.30	1.08 B	0.7908	18
19	0.6078	0.6278	0.6368	4.18 B	3.42	1.78	2.78	2.41	1.88	1.31	1.15 B	0.7788	19
20	0.6088	0.6388	0.6408	4.83 B	3.82	1.78	2.82	2.82	1.87	1.32	1.11 B	0.7708	20
21	0.6038	0.6408	0.6478	4.80 B	3.31	1.78	2.38	2.87	1.82	1.38	1.04 B	0.7808	21
22	0.6008	0.6458	0.6508	4.34 B	3.12	1.82	2.38	2.83	1.47	1.36	0.9358	0.7908	22
23	0.5988	0.6508	0.6508	4.30 B	2.88	1.73	2.46	4.88	1.42	1.32	0.8758	0.8108	23
24	0.5968	0.6578	0.6548	4.40 B	2.87	1.82	3.01	4.88	1.38	1.32	0.8908	0.8408	24
25	0.6058	0.6588	0.6588	4.80 B	2.89	1.84	3.38	3.88	1.38	1.31	0.8068	0.8488	25
26	0.6088	0.6638	0.6748	4.78 B	3.00	1.80	3.88	3.37	1.34	1.30	0.8908	0.8508	26
27	0.6088	0.6508	0.5778	4.42	3.41	1.48	2.84	2.83	1.31	1.21	0.8808	0.8858	27
28	0.6068	0.6428	0.6808	4.08	3.86	1.86	2.88	2.78	1.38	1.048	0.8908	0.8808	28
29	0.6288		0.6868	5.00	3.88	1.86	2.87	2.71	1.30	1.108	0.8208	0.8888	29
30	0.6808		0.6888	5.38	3.36	1.72	2.88	2.74	1.37	1.158	0.8308	0.8858	30
31	0.6808		0.6838		3.08		2.73	2.72		1.138		0.8208	31
TOTAL	19.888	15.358	18.888	78.827	114.48	58.87	90.88	83.88	50.78	38.78	32.048	28.788	TOTAL
MEAN	0.636	0.548	0.647	2.88	3.88	1.98	2.93	2.87	1.88	1.25	1.07	0.883	MEAN
MAX	0.887	0.840	0.883	5.38	8.47	2.83	4.73	4.88	2.87	1.42	1.48	0.880	MAX
MIN	0.888	0.838	0.838	0.888	2.81	1.48	1.77	1.84	1.28	1.84	0.778	0.778	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.71
MAXIMUM DAILY, 8.47 ON MAY 2
MINIMUM DAILY, 0.5208 ON FEB 15
MAXIMUM INSTANTANEOUS,
7.03 AT 03:45 PST ON MAY 2

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 59 10 N
LONG 123 48 10 W
DRAINAGE AREA, 882 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 700	JUL	7 850
FEB	1 230	AUG	7 180
MAR	1 480	SEP	4 390
APR	6 830	OCT	3 350
MAY	9 880	NOV	2 770
JUN	5 070	DEC	2 310

TOTAL DISCHARGE, 53 900 dam³

BAKER CREEK AT QUESNEL - STATION NO. 08KE016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.5088	0.5208	0.2628	0.7108	8.28	3.78	1.53 E	0.503	2.51	0.575E	0.782	0.8908	1
2	0.5208	0.4808	0.2728	0.7408	8.88	3.53	1.52 E	0.483	3.58	0.538	0.974	0.8958	2
3	0.5308	0.4008	0.3008	0.7708	8.78	3.41	2.04 E	1.70	2.48 E	0.470	0.933	1.01 B	3
4	0.5378	0.3558	0.3308	0.8208	8.48	2.98 E	1.68	2.04	2.30 E	0.534	0.888	1.03 B	4
5	0.5288	0.3208	0.3478	0.8758	7.44	2.68	1.54	3.42	2.08	0.498	2.80 E	1.04 B	5
6	0.5308	0.3008	0.3488	0.9808	8.54	2.29	1.59	3.38 E	1.88	0.508	2.24	1.03 B	6
7	0.5108	0.2858	0.3508	1.08 B	8.34E	2.04	1.41	3.18 E	1.58	0.495	2.27	1.02 B	7
8	0.5008	0.2728	0.3838	1.18 B	8.12	1.77	1.83	2.88	1.52	0.528E	2.21	0.9908	8
9	0.4858	0.2688	0.3758	1.22 B	8.02	1.88	1.85 E	2.41	1.20	0.568E	1.83	0.9708	9
10	0.5058	0.2588	0.3608	1.27 B	4.38	1.65	1.48	2.13	1.13 E	0.507	1.74	0.8908	10
11	0.5008	0.2648	0.3428	1.34 B	3.88	1.48 E	2.80 E	1.78	1.08	0.521	1.82	0.8408	11
12	0.4908	0.2628	0.3488	1.42 B	3.90	1.32 E	2.28	1.38	1.07	0.544	1.85 E	0.8308	12
13	0.4908	0.2608	0.3888	1.52 B	3.37	1.18	1.81	1.27 E	0.821	0.553	1.45 B	0.9308	13
14	0.4908	0.2678	0.3888	1.70 B	3.20E	1.22	1.48	1.18	0.803	0.588	1.35 B	0.8308	14
15	0.4888	0.2598	0.4058	=2.00 B	3.01	0.843	1.38	1.07	0.752	0.580E	1.25 B	0.8308	15
16	0.4808	0.2608	0.4808	2.40 B	2.85	0.870	1.26 E	1.14	0.704	0.552	1.18 B	0.8308	16
17	0.4788	0.2658	0.5008	2.80 B	2.85	0.950	1.14	1.14	0.654E	0.700	1.18 B	0.8308	17
18	0.4708	0.2558	0.5158	3.46 B	2.83	0.868E	1.14	1.18	0.695	0.884	1.18 B	0.8258	18
19	0.4858	0.2688	0.5408	4.18 B	3.17	0.818	0.998	1.72	0.868	0.784	1.22 B	0.8208	19
20	0.4958	0.2628	0.5908	3.77	3.89	0.852	0.837	1.88 E	0.898	0.700	1.29 B	0.9008	20
21	0.4858	0.3008	0.6258	5.42	4.23E	0.780	0.883	2.18	0.838	0.700	1.22 B	0.8808	21
22	0.4808	0.3158	0.6358	5.81	4.53E	0.861	0.885	2.12	0.443	0.711E	1.14 B	0.8508	22
23	0.4858	0.3158	0.6458	7.50 E	4.88	0.888	0.8408	3.99	0.497	0.715	1.06 B	0.8408	23
24	0.4858	0.3058	0.6488	7.57	4.18	0.833	0.783	8.18	0.505E	0.718	1.02 B	0.8808	24
25	0.4858	0.2988	0.6488	7.51	4.07	0.775E	0.878	7.03	0.718	0.834	1.00 B	0.8208	25
26	0.4858	0.2958	0.6508	7.57	4.20	0.718	0.878	7.33	0.871	0.870	0.9858	0.8258	26
27	0.4858	0.2878	0.6558	8.28	4.18	0.877	0.788	8.03 E	0.887	0.888	0.9808	0.8908	27
28	0.4858	0.2758	0.6608	8.47	4.758	0.783	0.727	4.73	0.808	0.808	0.9808	1.05 B	28
29	0.4808		0.6658	8.58	5.38	0.867	0.801	3.63	0.808	0.824E	0.8808	1.11 B	29
30	0.5188		0.6758	8.44 E	4.86	1.17	0.8758	3.28	0.884	0.870	0.8808	1.14 B	30
31	0.5408		0.6908		4.378		0.845	2.80		0.780		1.12 B	31
TOTAL	15.183	8.478	14.868	110.885	152.49	44.188	40.008	88.488	32.809	20.870	40.480	29.835	TOTAL
MEAN	0.488	0.303	0.483	3.88	4.82	1.47	1.28	2.85	1.08	0.678	1.38	0.988	MEAN
MAX	0.540	0.520	0.880	8.88	8.88	3.78	2.80	7.83	2.88	0.824	2.80	1.14	MAX
MIN	0.488	0.288	0.283	0.710	2.88	0.577	0.848	0.803	0.483	0.470	0.782	0.840	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.84
MAXIMUM DAILY, 8.88 ON MAY 2
MINIMUM DAILY, 0.2888 ON FEB 17

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 58 33 N
LONG 122 31 11 W
DRAINAGE AREA, 1 870 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 310	JUL	3 480
FEB	732	AUG	7 880
MAR	1 280	SEP	2 830
APR	8 880	OCT	1 810
MAY	13 200	NOV	3 500
JUN	3 820	DEC	2 580

TOTAL DISCHARGE, 51 400 dam³

BARNES CREEK NEAR NEEDLES - STATION NO. 08NE077

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.11 E	0.428A	0.840E	5.433	14.8	18.2	4.30 E	0.851	2.14	0.886	1.08	1.80	1
2	1.10 E	0.880E	0.828A	0.647	17.2	17.2	4.05 E	1.04	2.01	0.871	1.11	1.48	2
3	1.12 E	0.885E	0.823	0.821	17.0	16.4	3.70 E	1.80	2.20	0.874	1.17	1.51	3
4	1.13 E	0.700E	0.821	0.821	16.9	15.7	3.40 E	1.28	1.90	0.884	1.48	1.55	4
5	1.14 E	0.700E	0.827	0.936	18.2	15.0	3.15 E	1.10	2.24	0.956	1.39	1.58	5
6	1.12 E	0.880E	0.832	1.08	22.9	14.8	2.95 E	1.02	2.02	0.984	1.38	1.57	6
7	1.04 E	0.840E	0.837	1.10	24.3	13.8	2.70 E	0.993	1.88	0.936	1.38	1.47	7
8	1.01 E	0.880E	0.817	1.12	24.2	13.2	2.45 E	0.928	1.85	0.827	1.34	1.53	8
9	0.998E	0.700E	0.818	1.06	26.0	13.1	2.80 E	1.17	1.83	0.817	1.83	1.51	9
10	0.978A	0.885E	0.854	1.18	28.8	11.1	3.30 E	1.38	1.88	0.818	2.87	1.43	10
11	0.950	0.880E	0.702	1.31	21.9	10.2	3.40 E	1.10	1.59	0.882	3.32	1.23	11
12	0.914	0.885E	0.788	1.89	16.9	9.81	2.15 A	1.00	1.52	1.01	2.88	1.388	12
13	0.898	0.850E	0.884	2.24	13.9	8.14	2.07 A	1.13	1.48	1.06	2.33	1.388	13
14	0.880	0.845E	0.808	2.05	12.2	12.1	1.83	1.11	1.41	1.09	2.15	1.348	14
15	0.874	0.850E	0.788	4.38	13.1	15.4	1.88	1.22	1.35	1.01	1.88	1.33	15
16	0.882	0.855E	0.718	4.81	13.1	12.0	1.83	1.38	1.32	0.957	2.04	1.28	16
17	0.808	0.880E	0.708	4.52	13.1	9.41	1.77	1.33	1.30	0.928	1.82	1.30	17
18	0.878	0.885E	0.681	4.89	12.7	7.80	1.67	1.18	1.28	0.928	1.88	1.23	18
19	0.888	0.700E	0.681	5.71	11.3	7.89	1.85	1.18	1.23	0.928	1.82	1.20	19
20	0.858	0.890E	0.703	5.79	10.8 E	8.87	1.47	1.18	1.20	0.918	1.88	1.27	20
21	0.845	0.880E	0.737	10.5	10.2 E	8.88	1.47	1.34	1.17	0.888	1.88	1.21	21
22	0.784	0.820E	0.744	9.58	10.3 E	8.13	1.38	1.88	1.18	1.32	1.74	1.22	22
23	0.885	0.815E	0.739	8.31	10.1 E	8.88	1.38	1.81	1.13	1.38	1.77	1.24	23
24	0.813	0.820E	0.734	7.81	8.88E	8.32A	1.32	1.88	1.11	2.27	1.77	1.24	24
25	0.8408	0.840E	0.761	8.26	8.80E	8.30E	1.17	1.42	1.10	1.88	1.71	1.24	25
26	0.8378	0.840E	0.809	7.83	10.1 E	8.00E	1.18	2.83	1.08	1.42	1.83	1.20	26
27	0.834	0.838E	0.834	7.83	10.1 E	8.70E	1.13	2.88	1.08	1.45	1.83	1.18	27
28	0.815	0.844E	0.858	8.83	10.0 E	8.20E	1.08	2.08	1.04	1.28	1.88	1.18	28
29	0.814		0.848	10.4	10.8 A	4.78E	1.04	1.83	1.02	1.17	1.88	1.18	29
30	0.817		0.834	12.4	11.8	4.88E	1.01	1.71	1.00	1.18	1.83	1.15	30
31	0.734		0.842		13.8		0.977	1.73		1.13		1.13	31
TOTAL	28.482	18.418	23.398	143.388	487.80	300.81	84.207	44.923	44.30	34.488	83.72	41.17	TOTAL
MEAN	0.918	0.858	0.723	4.78	15.1	10.0	2.07	1.42	1.48	1.11	1.78	1.33	MEAN
MAX	1.14	0.700	0.884	12.4	28.8	17.3	4.30	2.83	2.24	2.27	3.32	1.67	MAX
MIN	0.885	0.428	0.817	0.821	9.80	4.88	0.977	0.928	1.00	0.818	1.08	1.13	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.46
MAXIMUM DAILY, 28.8 ON MAY 10
MINIMUM DAILY, 0.428A ON FEB 1
MAXIMUM INSTANTANEOUS,
34.8 AT 16:13 PST ON MAY 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 54 27 N
LONG 118 07 31 W
DRAINAGE AREA, 301 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 480	JUL	8 880
FEB	1 880	AUG	2 800
MAR	1 840	SEP	3 430
APR	12 400	OCT	2 880
MAY	40 400	NOV	4 840
JUN	28 000	DEC	3 880

TOTAL DISCHARGE, 109 000 dam³

BARRIERE RIVER AT THE MOUTH - STATION NO. 08LB020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.880	2.08	1.840	3.47	36.6	61.0	23.4	6.30	10.3	4.33	8.48	8.82	1
2	2.880	1.81	1.880	3.70	41.7	72.3	21.7	8.40	10.8	4.33	8.78	8.82	2
3	2.880	1.77	1.87	3.72	40.6	77.2	21.3	15.8	9.84	3.91	8.82	7.38	3
4	3.008	1.40	2.18	3.47	45.1	78.8	18.0	14.4	9.53	3.88	7.43	7.02	4
5	3.028	1.880	2.36	4.08	48.3	76.8	17.7	12.8	9.87	3.86	7.72	7.72	5
6	2.918	1.918	2.78	4.22	56.0	76.8	18.2	10.2	8.72	3.82	8.82	7.77	6
7	2.828	1.880	2.48	4.38	63.9	87.1	15.0	9.48	8.01	2.85	8.41	7.38	7
8	2.788	1.878	2.87	5.02	69.3	83.5	14.3	8.48	7.77	3.84	7.82	7.19	8
9	2.718	1.888	2.48	4.98	72.8	88.0	13.2	8.38	7.72	3.89	8.86	7.14	9
10	2.768	2.018	2.38	4.84	74.7	88.2	12.8	7.88	7.80	4.08	10.8	7.10	10
11	2.788	2.038	2.38	5.19	85.8	81.0	13.0	8.86	7.38	4.84	11.0	8.24	11
12	2.788	2.088	2.38	5.27	78.2	46.2	12.8	7.24	8.80	4.49	12.8	8.88	12
13	2.828	2.088	2.38	7.08	81.8	48.1	12.1	8.80	8.80	4.82	12.8	8.24	13
14	2.808	2.078	2.41	8.80E	83.8	47.7	11.8	8.72	8.38	4.88	12.8	8.44	14
15	2.868	2.048	2.84	9.87	84.8	48.2	13.3	8.48	8.38	4.78	12.1	8.30	15
16	2.818	2.038	2.48	10.E	48.7	42.3	18.4	9.03	8.20	4.88	11.4	8.20	16
17	2.878	2.078	2.38	11.8	48.8	37.3	15.7	8.88	8.84	4.81	10.7	8.08	17
18	2.828	2.188	2.22	13.8	47.3	33.2	15.2	9.08	8.84	4.78	10.8	8.88	18
19	2.808	2.188	2.18	17.2	46.1	28.0	13.7	8.14	8.87	4.48	10.8	8.82	19
20	2.718	2.208	2.19	18.4	42.8	26.8	12.8	10.2	8.78	4.43	10.2	8.78	20
21	2.888	2.198	2.25	33.1	36.8	23.8	11.2	11.2	8.88	4.43	10.7	8.80	21
22	2.88	2.148	2.28	33.8	34.1	22.7	10.8	11.8	8.78	4.43	9.87	8.32	22
23	2.36	2.088	2.26	34.0	35.0	21.7	8.98	11.7	8.80	4.84	8.88	8.36	23
24	2.83	2.038	2.81	24.1	37.7	21.8	8.43	12.0	8.24	4.81	8.88	8.48	24
25	2.84	1.888	2.81	24.3	38.0	20.9	8.10	10.8	8.31	8.88	8.81	8.80	25
26	2.78	1.848	3.08	24.0	38.2	20.8	7.77	10.8	8.87	7.38	8.30	8.84	26
27	2.82	1.808	3.84	24.3	41.8	20.7	7.87	10.0	8.00	7.81	8.30	8.32	27
28	2.80	1.888	3.86	26.8	41.8	20.7	7.85	8.77	4.81	7.81	7.88	8.27	28
29	2.85%		3.88	27.4	42.0	22.7	7.38	8.03	4.78	7.10	7.82	8.80	29
30	2.87		3.47	33.0	42.2	23.4	8.84	8.87	4.72	8.88	8.80	8.80	30
31	2.88		3.38		48.8		8.28	8.87		8.88		8.48	31
TOTAL	88.77	55.45	78.88	403.18	1 841.4	1 308.8	401.80	385.72	204.80	188.34	276.82	193.72	TOTAL
MEAN	2.80	1.88	2.84	13.4	48.7	43.8	13.0	8.84	8.83	8.81	8.28	8.25	MEAN
MAX	3.02	2.20	3.88	33.0	85.8	77.2	23.4	15.8	10.8	7.81	12.8	7.77	MAX
MIN	2.38	1.40	1.84	3.47	34.1	20.8	8.28	8.30	4.72	3.82	8.48	8.32	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.7
MAXIMUM DAILY, 85.8 ON MAY 11
MINIMUM DAILY, 1.40 ON FEB 4

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 10 48 N
LONG 120 07 50 W
DRAINAGE AREA, 1 140 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 800	JUL	34 700
FEB	4 780	AUG	28 800
MAR	6 810	SEP	17 700
APR	34 800	OCT	13 400
MAY	133 000	NOV	24 100
JUN	113 000	DEC	16 700

TOTAL DISCHARGE, 432 000 dam³

BARRIERE RIVER BELOW SPRAGUE CREEK - STATION NO. 08LB069

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.358	1.808	1.488	2.14	28.8	84.1	22.3	4.81	8.31	3.08	8.48	8.42	1
2	2.408	1.288	1.488	2.23	34.2	81.8	21.1	8.33	8.23	3.02	8.32	8.33	2
3	2.488	1.108	1.528	2.22	37.0	83.8	18.8	13.7	8.84	2.82	8.88	8.41	3
4	2.438	1.018	1.588	2.25	37.8	82.8	17.3	12.8	8.08	2.87	8.72	8.44	4
5	2.348	1.088	1.678	2.38	41.4	83.8	18.1	11.4	7.83	2.81	8.88	8.37	5
6	2.318	1.188	1.838	2.88	48.8	82.8	14.8	10.1	7.88	2.77	8.88	8.33	6
7	2.118	1.278	1.48	2.70	82.2	88.8	13.2	8.03	7.21	2.72	8.82	8.28	7
8	2.078	1.308	1.38	2.72	88.7	83.8	12.8	8.18	8.78	2.87	8.82	8.34	8
9	2.088	1.318	1.32	2.73	88.8	80.8	11.8	7.42	8.33	2.83	7.24	8.28	9
10	2.078	1.328	1.33	2.78	83.8	48.8	11.4	8.88	8.84	2.80	8.42	8.03	10
11	2.188	1.338	1.37	2.88	84.8	44.8	11.4	8.38	8.87	3.18	11.1	4.72	11
12	2.208	1.348	1.48	3.17	87.1	42.8	10.8	8.83	8.30	3.28	11.3	4.88	12
13	2.228	1.388	1.83	3.71	87.8	42.8	10.2	8.84	8.08	3.41	11.1	4.82	13
14	2.208	1.408	1.88	4.88	41.8	48.4	8.88	8.88	4.81	3.88	10.8	4.88	14
15	2.288	1.418	1.87	8.18	38.4	43.1	14.2	8.81	4.82	3.88	8.84	4.80	15
16	2.308	1.408	1.88	7.23	37.3	38.3	18.8	8.82	4.88	3.47	8.28	4.41	16
17	2.27	1.418	1.81	8.18	40.8	33.8	14.8	8.88	4.88	3.38	8.88	4.33	17
18	2.28	1.428	1.48	8.83	41.0	28.8	13.2	8.47	4.83	3.28	8.82	4.02	18
19	2.32	1.438	1.80	10.2	38.1	25.7	11.8	8.14	4.72	3.28	8.84	3.88B	19
20	2.19	1.488	1.48	12.4	34.8	23.2	10.8	8.88	4.88	3.20	8.11	3.70B	20
21	2.12	1.488	1.81	15.8	30.3	21.1	9.88	10.2	4.38	3.20	7.81	3.87	21
22	2.088	1.518	1.88	17.1	27.4	20.2	9.28	10.8	4.32	3.27	7.38	3.78	22
23	1.888	1.588	1.81	17.8	27.2	18.8	8.88	11.1	4.08	3.37	7.11	3.73	23
24	1.818	1.488	1.87	17.8	28.8	18.8	7.88	10.8	3.88	8.24	7.08	3.78	24
25	1.838	1.428	1.78	17.4	28.8	18.4	7.32	8.84	3.74	8.44	8.88	3.78	25
26	1.888	1.428	1.88.	17.8	28.1	20.3	8.88	8.81	3.80	8.83	8.48	3.78	26
27	1.88	1.408	1.88	18.3	28.1	20.1	8.84	8.22	3.48	7.13	8.18	3.88	27
28	1.88	1.408	2.02	18.8	28.4	18.8	8.11	8.78	3.38	8.78	8.18	3.88	28
29	1.84		2.08	20.8	30.8	18.4	8.78	8.18	3.30	8.41	8.84	3.71	29
30	1.88		2.11	23.8	33.8	21.7	8.41	7.72	3.18	8.18	8.87	3.88	30
31	2.02		2.18		42.0		8.18	8.34		8.78		3.85	31
TOTAL	88.28	37.81	48.88	278.84	1 227.8	1 148.1	381.31	270.38	183.21	122.47	228.88	137.80	TOTAL
MEAN	2.14	1.28	1.81	8.23	38.8	38.2	11.7	8.72	8.44	3.95	7.88	4.45	MEAN
MAX	2.48	1.80	2.18	33.8	84.8	83.8	22.3	13.7	8.31	7.13	11.3	8.44	MAX
MIN	1.81	1.01	1.32	2.14	27.2	18.4	8.18	4.81	3.18	2.82	8.32	3.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.2
MAXIMUM DAILY, 84.0 ON MAY 11
MINIMUM DAILY, 1.018 ON FEB 4
MAXIMUM INSTANTANEOUS,
88.8 AT 22:28 PST ON MAY 10

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 14 80 N
LONG 119 88 80 W
DRAINAGE AREA, 824 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 730	JUL	21 200
FEB	3 280	AUG	22 400
MAR	4 310	SEP	14 100
APR	23 800	OCT	10 800
MAY	108 000	NOV	18 800
JUN	88 000	DEC	11 800

TOTAL DISCHARGE, 383 000 dam³

BEAR CREEK AT THE MOUTH - STATION NO. 08LG084

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0308	0.0108	0.0138	0.0288E	1.88	2.18	0.718	0.188	0.241	0.100	0.0888	0.0888	1
2	0.0318	0.0088	0.0128	0.0318E	1.88	1.88	0.781	0.187	0.807	0.098	0.0878	0.0868	2
3	0.0298	0.0108	0.0128	0.0388E	2.02	1.80	0.881	0.248	0.848	0.098	0.1208	0.0848	3
4	0.0278	0.0118	0.0148	0.0408E	2.08	1.38	0.433	0.232	0.518	0.088	0.2258	0.0888	4
5	0.0248	0.0118	0.0188	0.0488E	2.21	1.21	0.388	0.201	0.483	0.094	0.3208	0.0888	5
6	0.0228	0.0118	0.0188	0.0588E	2.44	1.04	0.281	0.178	0.428	0.092	0.2708	0.0878	6
7	0.0218	0.0128	0.0208	0.0888E	2.83	0.918	0.252	0.155	0.389	0.091	0.2408	0.0888	7
8	0.0208	0.0128	0.0238	0.0738E	2.47	0.843	0.228	0.144	0.318	0.088	0.222	0.0888	8
9	0.0218	0.0138	0.0238	0.0758E	2.32	0.838	0.204	0.138	0.273	0.085	0.218	0.0888	9
10	0.0228	0.0138	0.0238	0.0788E	2.30	0.830	0.234	0.127	0.263	0.087	0.288	0.0848	10
11	0.0248	0.0148	0.0248	0.0808E	2.13	0.732	0.282	0.118	0.232	0.110	0.314	0.0848	11
12	0.0308	0.0158	0.0248	0.1018E	1.83	0.833	0.263	0.108	0.214	0.112	0.284	0.0888	12
13	0.0308	0.0188	0.0238	0.1408E	1.84	0.883	0.304	0.107	0.204	0.110	0.248	0.0938	13
14	0.0308	0.0178	0.0238	0.2108E	1.34	0.848	0.977	0.118	0.188	0.113	0.1808	0.0848	14
15	0.0328	0.0178	0.0218	0.2508E	1.23	0.858	1.85	0.147	0.173	0.114	0.1358	0.0858	15
16	0.0328	0.0188	0.0218	0.3808E	1.15	0.880	1.84	0.342	0.188	0.108	0.1328	0.0888	16
17	0.0308	0.0148	0.0208	0.3888E	1.13	0.874	1.28	0.772	0.188	0.105	0.1288	0.0888	17
18	0.0288	0.0148	0.0188	0.3488E	1.24	0.588	0.895	0.618	0.158	0.105	0.1268	0.0868	18
19	0.0288	0.0158	0.0188	0.4008E	1.14	0.528	0.781	1.18	0.181	0.108	0.1288	0.0888	19
20	0.0308	0.0178	0.0198	0.4808E	1.03	0.807	0.848	1.12	0.152	0.103	0.1328	0.0788	20
21	0.0378	0.0188	0.0308	0.5108E	0.944	0.444	0.852	0.828	0.151	0.101	0.1288	0.0738	21
22	0.0348	0.0188	0.0288	0.5808E	0.818	0.418	0.484	0.841	0.148	0.112	0.1238	0.0708	22
23	0.0328	0.0218	0.0278	0.5308E	1.08	0.381	0.433	0.558	0.138	0.118	0.1208	0.0738	23
24	0.0348	0.0308	0.0278	0.4808E	1.27	0.328	0.371	0.463	0.128	0.214	0.1138	0.0788	24
25	0.0288	0.0188	0.0288	0.4858E	1.47	0.287	0.304	0.378	0.117	0.207	0.1078	0.0828	25
26	0.0278	0.0188	0.0318	0.4908E	1.88	0.288	0.274	0.384	0.117	0.188	0.1048	0.0888	26
27	0.0308	0.0188	0.0348	0.5178A	2.38	0.274	0.288	0.344	0.118	0.1308	0.1008	0.0918	27
28	0.0358	0.0198	0.0388	0.881	2.82	0.283	0.284	0.322	0.112	0.1208	0.0988	0.0918	28
29	0.0258		0.0348	0.885	2.81	0.243	0.235	0.317	0.103	0.1008	0.0928	0.0888	29
30	0.0308		0.0328	1.18	2.80	0.273	0.203	0.278	0.103	0.0908	0.0898	0.0888	30
31	0.0128		0.0318		2.81		0.187	0.288		0.0718		0.0888	31
TOTAL	0.818	0.417	0.713	9.488	55.782	22.188	18.871	11.117	7.083	3.488	4.878	2.712	TOTAL
MEAN	0.026	0.015	0.023	0.318	1.80	0.739	0.547	0.359	0.235	0.113	0.183	0.087	MEAN
MAX	0.035	0.021	0.035	1.18	2.83	2.18	1.85	1.18	0.848	0.214	0.320	0.098	MAX
MIN	0.012	0.008	0.013	0.028	0.818	0.243	0.187	0.107	0.103	0.071	0.087	0.078	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.372
MAXIMUM DAILY, 2.83 ON MAY 7
MINIMUM DAILY, 0.0088 ON FEB 2
MAXIMUM INSTANTANEOUS,
2.78 AT 02:55 PST ON MAY 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 40 N
LONG 118 55 57 W
DRAINAGE AREA, 88.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	70.5	JUL 1	470
FEB	36.0	AUG	881
MAR	61.6	SEP	610
APR	820	OCT	302
MAY 4	820	NOV	421
JUN 1	930	DEC	234

TOTAL DISCHARGE, 11 700 dam³

BEAR CREEK AT BRYSON ROAD - STATION NO. 08MB043

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.33	0.474	0.394	0.883	0.378	0.272	---	---	---	1
2	---	---	---	1.12	0.478	0.394	0.478	0.388	0.272	---	---	---	2
3	---	---	---	0.788	0.478	0.388	0.442	0.328	0.274	---	---	---	3
4	---	---	---	0.818	0.482	0.382	0.474	0.328	0.288	---	---	---	4
5	---	---	---	1.01	0.482	0.388	0.448	0.314	0.278	---	---	---	5
6	---	---	---	1.08	0.482	0.388	0.438	0.314	0.278	---	--	-	6
7	---	---	---	0.881	0.482	0.388	0.388	0.308	0.274	---	---	---	7
8	---	---	---	0.788	0.484	0.374	0.384	0.298	0.288	---	---	---	8
9	---	---	---	0.788	0.484	0.382	0.388	0.298	0.282	---	---	---	9
10	---	---	---	0.881	0.448	0.382	0.388	0.298	0.282	---	---	---	10
11	---	---	---	0.838	0.484	0.378	0.388	0.298	0.288	---	---	---	11
12	---	---	---	0.818	0.484	0.388	0.378	0.298	0.287	---	---	---	12
13	---	---	---	0.818	0.448	0.434	0.374	0.288	0.288	---	---	---	13
14	---	---	---	0.827	0.448	0.388	0.384	0.314	0.288	---	---	---	14
15	---	---	---	0.811	0.434	0.388	0.384	0.388	0.282	---	---	---	15
16	---	---	0.888	0.811	0.438	0.388	0.438	0.388	0.288	---	---	---	16
17	---	---	---	0.888	0.442	0.384	0.374	0.288	0.288	---	---	---	17
18	---	---	---	0.888	0.448	0.434	0.374	0.283	0.278	---	---	---	18
19	---	---	---	0.884	0.438	0.448	0.378	0.288	0.288	---	---	---	19
20	---	---	---	0.888	0.434	0.434	0.382	0.288	0.288	---	---	---	20
21	---	---	---	0.888	0.418	0.402	0.442	0.312	0.287	---	---	---	21
22	---	---	---	0.887	0.388	0.388	0.388	0.308	0.287	---	---	---	22
23	---	---	---	0.883	0.448	0.388	0.384	0.298	0.287	---	---	---	23
24	---	---	---	0.888	0.434	0.382	0.388	0.384	0.284	---	---	---	24
25	---	---	---	0.818	0.434	0.382	0.388	0.388	0.284	---	---	---	25
26	---	---	---	0.818	0.484	0.378	0.338	0.378	0.324	---	---	---	26
27	---	---	---	0.488	0.818	0.488	0.314	0.284	0.288	---	---	---	27
28	---	---	---	0.478	0.448	0.478	0.314	0.288	0.288	---	---	---	28
29	---		---	0.488	0.442	0.478	0.314	0.288	0.288	---	---	---	29
30	---		---	0.488	0.438	0.474	0.312	0.373	0.288	---	---	---	30
31	---		---		0.414		0.312	0.388		---	---	---	31
TOTAL	---	---	---	20.738	13.871	12.008	11.813	9.328	8.177	---	---	---	TOTAL
MEAN	---	---	---	0.881	0.447	0.488	0.384	0.301	0.273	---	---	---	MEAN
MAX	---	---	---	1.88	0.818	0.474	0.883	0.378	0.324	---	---	---	MAX
MIN	---	---	---	0.478	0.388	0.382	0.312	0.378	0.288	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 22 18 N
LONG 124 55 52 W
DRAINAGE AREA, 11.4 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL 1	030
FEB	---	AUG	808
MAR	---	SEP	700
APR 1	780	OCT	---
MAY 1	200	NOV	---
JUN 1	040	DEC	---

BEAR RIVER ABOVE BITTER CREEK - STATION NO. 08DC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.888	2.878	2.848	3.508	33.7	85.7	59.7	78.4	36.1	35.8	10.7	7.48	1
2	3.848	2.908	2.818	3.858	33.4	48.1	56.3	76.7	35.8	30.8	10.4	13.4	2
3	3.838	2.888	2.808	3.808	30.8	47.8	55.5	75.2	49.8	32.8	43.2	14.4	3
4	3.808	2.888	2.808	4.008	28.4	50.5	56.1	70.8	57.3	34.8	34.8	15.1	4
5	3.888	2.898	2.808	4.128	28.8	84.5	54.1	73.5	48.2	51.8	28.7	14.4	5
6	3.468	2.888	2.808	4.288	28.8	82.3	88.3	88.8	48.4	40.8	20.7	11.8	6
7	3.388	2.908	2.808	4.428	31.8	47.3	81.8	86.0	58.8	50.4	18.8	10.0	7
8	3.338	2.918	2.808	4.698	34.8	48.8	72.7	86.1	57.8	43.8	15.2	9.13	8
9	3.308	2.948	2.808	4.908	30.7	49.5	74.4	49.8	50.8	48.8	13.8	8.57	9
10	3.288	2.948	2.808	5.308	23.4	51.8	63.8	48.8	48.4	37.3	12.8	8.43	10
11	3.278	2.918	2.808	5.808	20.4	88.3	88.8	84.3	47.8	33.4	11.3	7.78	11
12	3.288	2.938	2.808	6.458	18.8	88.8	80.3	73.8	48.4	27.4	10.4	7.28	12
13	3.288	2.928	2.808	7.48	17.8	83.8	89.0	81.7	38.8	22.8	9.78	7.31	13
14	3.228	2.908	2.808	8.83	18.0	72.0	78.8	78.8	33.7	19.3	9.43	8.88	14
15	3.218	2.908	2.808	9.48	20.8	80.4	87.8	71.8	28.1	17.2	9.01	9.12	15
16	3.208	2.888	2.808	8.91	24.0	82.2	82.0	75.8	21.8	15.4	8.00	8.40	16
17	3.188	2.888	2.808	8.88	18.2	48.8	83.5	78.0	18.8	20.0	8.85	7.87	17
18	3.188	2.888	2.808	8.44	16.0	80.8	71.2	70.3	18.1	31.0	17.0	7.88	18
19	3.188	2.848	2.818	10.8	18.4	42.0	70.3	88.8	41.8	18.0	13.3	7.23	19
20	3.188	2.838	2.828	14.1	17.4	38.4	88.8	78.1	88.1	16.4	10.8	6.88	20
21	3.188	2.808	2.838	15.1	17.7	38.8	82.3	73.8	100	14.8	8.74	8.35	21
22	3.208	2.808	2.878	13.0	20.2	40.8	84.3	81.0	77.8	13.8	8.88	8.81	22
23	3.208	2.808	2.728	12.8	24.2	82.7	88.3	81.2	74.8	12.8	8.88	8.88	23
24	3.208	2.788	2.788	13.4	26.8	87.4	88.3	88.3	88.8	11.8	8.14	8.85	24
25	3.218	2.748	2.808	14.3	31.8	72.4	88.8	88.8	80.4	12.2	7.84	16.2	25
26	3.808	2.718	2.888	15.8	21.7	88.0	81.2	88.3	48.8	12.1	7.48	20.8	26
27	4.208	2.708	3.008	16.8	24.8	88.2	71.0	88.8	48.7	11.1	7.32	18.8	27
28	3.808	2.888	3.048	19.8	30.1	87.7	87.1	80.1	47.1	10.4	7.37	11.8	28
29	3.438		3.188	22.8	28.4	71.8	70.3	88.8	88.4	11.8	7.80	8.88	29
30	3.348		3.228	28.4	47.7	88.7	77.2	82.8	48.7	11.2	7.43	8.52	30
31	3.188		3.388		83.1		85.3	44.4		10.8		8.80	31
TOTAL	104.80	80.02	84.40	307.07	813.8	1 881.8	2 115.1	2 044.0	1 478.4	787.0	403.84	312.75	TOTAL
MEAN	3.37	2.86	2.72	10.2	26.3	85.4	88.2	85.8	48.3	25.7	13.8	10.1	MEAN
MAX	4.20	2.87	3.38	28.4	83.1	72.4	80.2	81.7	100	84.8	43.2	20.8	MAX
MIN	3.18	2.88	2.80	3.50	17.4	38.4	84.1	44.4	18.1	10.4	7.33	8.35	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 26.0
MAXIMUM DAILY, 100 ON SEP 21
MINIMUM DAILY, 2.808 ON MAR 3
MAXIMUM INSTANTANEOUS,
138 AT 22:10 PST ON SEP 20

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 02 34 N
LONG 129 55 30 W
DRAINAGE AREA, 380 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 040	JUL	183 000
FEB	6 810	AUG	177 000
MAR	7 280	SEP	128 000
APR	26 800	OCT	68 800
MAY	70 300	NOV	34 800
JUN	144 000	DEC	27 000

TOTAL DISCHARGE, 883 000 dam³

BEATON CREEK NEAR BEATON - STATION NO. 08NE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.845	0.708	0.885	0.878	3.18	4.80	5.08	1.84	2.03	1.20	1.08	1.43	1
2	0.847	0.703	0.884	0.888	3.88	8.52	4.81	2.02	2.16	1.17	1.08	1.41	2
3	0.857	0.708	0.881	0.848	3.88	8.22	4.88	2.12	2.08	1.16	1.18	1.48	3
4	0.878	0.718	0.848	0.841	3.84	8.48	4.80	1.84	1.88	1.18	1.33	1.82	4
5	0.841	0.712	0.854	0.908	4.02	8.72	4.30	1.88	1.88	1.13	1.23	1.88	5
6	0.811	0.712	0.882	1.02	4.88	7.38	4.08	1.83	1.88	1.08	1.34	1.48	6
7	0.788	0.888	0.872	1.08	8.87	7.47	3.88	1.83	1.88	1.08	1.42	1.47	7
8	0.782	0.888	0.888	1.04	8.13	7.84	3.84	1.84	1.81	1.08	1.84	1.52	8
9	0.788	0.703	0.880	0.988	8.40	7.87	3.88	1.81	1.78	1.08	2.18	1.48	9
10	0.773	0.883	0.703	1.02	8.78	7.88	3.84	1.82	1.72	1.13	3.18	1.37	10
11	0.780	0.703	0.730	1.08	8.88	7.12	3.84	1.73	1.87	1.33	3.10	1.30	11
12	0.778	0.707	0.741	1.08	8.11	8.88	3.48	1.87	1.84	1.48	2.74	1.28	12
13	0.788	0.703	0.778	1.18	8.38	7.00	3.40	1.88	1.80	1.38	2.47	1.23	13
14	0.778	0.883	0.781	1.38	4.71	7.32	3.32	1.87	1.87	1.33	2.38	1.22	14
15	0.788	0.700	0.744	1.82	4.44	8.80	3.82	1.83	1.84	1.32	2.08	1.20	15
16	0.838	0.700	0.721	1.74	4.41	8.20	3.48	1.88	1.80	1.18	1.88	1.18	16
17	0.888	0.888	0.702	1.82	4.80	7.88	3.33	1.90	1.48	1.10	1.81	1.16	17
18	0.838	0.888	0.882	1.84	4.71	7.88	3.18	1.78	1.47	1.10	1.88	1.13	18
19	0.818	0.873	0.888	2.02	4.47	7.52	3.02	1.83	1.48	1.08	1.88	1.12	19
20	0.801	0.883	0.898	2.27	4.18	7.13	2.83	1.71	1.44	1.07	1.87	1.18	20
21	0.778	0.883	0.718	2.88	3.93	8.40	2.81	1.88	1.40	1.13	2.02	1.18	21
22	0.787	0.884	0.743	2.88	3.78	8.12	2.88	1.78	1.37	1.17	1.87	1.14	22
23	0.728	0.883	0.787	2.88	3.70	8.80	2.82	1.77	1.38	1.14	1.82	1.18	23
24	0.703	0.888	0.748	2.83	3.88	8.87	2.40	1.88	1.31	1.28	1.78	1.14	24
25	0.703	0.855	0.788	2.88	3.87	8.88	2.32	1.88	1.28	1.23	1.73	1.13	25
26	0.701	0.827	0.788	3.87	3.48	8.48	2.28	1.78	1.28	1.17	1.83	1.10	26
27	0.704	0.881	0.822	3.78	3.41	8.38	2.27	2.84	1.27	1.38	1.88	1.08	27
28	0.701	0.880	0.882	3.72	3.33	8.11	2.20	2.48	1.24	1.24	1.83	1.08	28
29	0.738		0.888	3.78	3.38	4.93	2.11	2.38	1.24	1.17	1.48	1.08	29
30	0.824		0.888	3.88	3.80	4.88	2.08	2.17	1.23	1.14	1.44	1.03	30
31	0.812		0.873		3.77		1.88	2.08		1.10		1.03	31
TOTAL	24.428	18.247	22.787	83.888	137.08	197.07	101.88	88.78	47.82	38.47	84.82	38.80	TOTAL
MEAN	0.788	0.887	0.732	1.78	4.42	8.87	3.28	1.88	1.88	1.18	1.82	1.25	MEAN
MAX	0.878	0.718	0.888	2.88	8.88	8.88	8.84	2.84	2.18	1.48	3.18	1.82	MAX
MIN	0.701	0.827	0.848	0.841	3.18	4.88	1.88	1.87	1.23	1.08	1.08	1.03	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.17
MAXIMUM DAILY, 8.80 ON JUN 15
MINIMUM DAILY, 0.827 ON FEB 26
MAXIMUM INSTANTANEOUS,
8.78 AT 01:11 PST ON JUN 15

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 44 05 N
LONG 117 43 44 W
DRAINAGE AREA, 88.8 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 110	JUL	8 780
FEB	1 680	AUG	6 080
MAR	1 860	SEP	4 110
APR	4 830	OCT	2 180
MAY	11 800	NOV	4 720
JUN	17 000	DEC	3 280

TOTAL DISCHARGE, 88 400 dam³

BEATTON RIVER NEAR FORT ST. JOHN - STATION NO. 07FC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.13 B	0.8678	0.8858	1.858	188	168	28.2	19.5	24.1	37.0E	13.0 B	8.558	1
2	2.00 B	0.8658	0.8838	2.408	136	148	24.5	20.8	21.8E	84.0E	12.8 B	8.308	2
3	1.88 B	0.8638	0.8008	3.858	143	124	24.0	18.8	20.0E	78.7E	12.5 B	8.108	3
4	1.40 B	0.8618	0.8138	3.758	168	105	23.4	18.8	19.0E	57.0E	12.2 B	8.858	4
5	1.20 B	0.8588	0.8218	4.808	181	80.3	28.3	17.4	18.2E	48.8E	12.0 B	8.858	5
6	0.8408	0.8808	0.8278	8.158	224	80.8	24.2	16.8	17.8E	38.8E	11.8 B	8.508	6
7	0.8508	0.8798	0.8408	7.268	282	74.7	44.3	15.7	16.8E	33.0E	11.7 B	8.308	7
8	0.8688	0.8828	0.8408	8.008	303	84.5	48.5	15.2	16.0E	28.7E	11.8 B	8.058	8
9	0.8008	0.8848	0.8258	10.8 B	343	88.2	48.8	13.6	15.4E	26.0E	11.3 B	7.808	9
10	0.8068	0.8008	0.8068	13.4 B	378	88.3	53.7	13.0	14.8E	28.0E	11.2 B	7.888	10
11	0.8308	0.8058	0.8188	18.0 B	418	70.8	51.1	17.1	14.8E	24.0E	11.0 B	7.288	11
12	0.8408	0.8108	0.8258	20.0 B	435	68.8	43.1	24.2	18.0E	22.8E	10.8 B	7.008	12
13	0.8458	0.8028	0.8358	23.8 B	420	62.8	38.3	27.8	15.8E	20.8E	10.8 B	6.808	13
14	0.8088	0.8408	0.8408	28.0 B	454	53.7	32.4	28.1	15.1E	18.7E	10.5 B	6.508	14
15	0.8088	0.8778	0.8388	35.0 B	486	48.1	27.1	38.1	14.3E	17.8E	10.2 B	6.208	15
16	0.8008	0.8738	0.8288	42.8 B	533	38.8	23.8	34.0	13.8E	16.0E	10.2 B	6.108	16
17	0.8588	0.8588	0.8208	50.8 B	883	36.2	21.8	30.4	13.2E	15.0E	10.1 B	5.858	17
18	0.8508	0.8508	0.8208	46.8 B	884	37.0	21.1	28.8	12.8E	14.8E	10.2 B	5.608	18
19	0.8588	0.8728	0.8408	61.0 B	804	40.8	20.3	28.0	12.7E	14.0E	10.3 B	5.708	19
20	0.8008	0.8988	0.8508	70.0 B	808	38.1	18.4	28.4	12.8E	13.3E	10.3 B	5.858	20
21	0.8678	0.8288	0.8708	80.8	803	34.0	18.8	31.0E	12.8E	13.2E	10.3 B	5.408	21
22	0.8768	0.8878	0.7008	102	858	31.0	23.0	36.0E	12.9E	13.1E	9.888	5.158	22
23	0.8708	0.8808	0.7218	104	480	33.4	45.4	38.2E	12.7E	13.2E	9.608	4.858	23
24	0.8608	0.8508	0.7258	120	408	36.8	38.8	43.0E	12.6E	13.3E	9.308	4.658	24
25	0.8008	0.8508	0.7208	158	343	34.3	32.8	48.3E	13.3E	14.0E	9.408	4.858	25
26	0.8408	0.8388	0.7188	181	311	31.1	28.8	48.0E	12.1E	14.4E	9.388	4.808	26
27	0.8768	0.8288	0.7708	234	2488	28.3	27.1	40.8E	11.4E	14.8E	8.428	4.858	27
28	0.8788	0.8128	0.8308	282	278E	26.8	26.8	38.0E	11.4E	14.8E	8.408	4.808	28
29	0.8408		0.8408	282	268E	25.2	24.1	32.0E	18.4E	14.8E	8.508	4.458	29
30	0.8158		1.12 B	208	238E	25.4	22.7	28.0E	24.0E	14.2E	8.888	4.408	30
31	0.8888		1.40 B		222A		20.8	26.8		13.8E		4.258	31
TOTAL	24.788	16.857	21.808	2 197.08	11 374	1 803.4	958.8	887.8	482.8	784.8	330.98	200.28	TOTAL
MEAN	0.800	0.802	0.703	73.2	367	80.1	30.8	28.8	16.4	24.7	10.7	8.48	MEAN
MAX	2.13	0.850	1.40	282	806	188	53.7	48.3	24.1	78.7	13.0	8.55	MAX
MIN	0.870	0.880	0.893	1.85	138	38.2	18.8	13.0	11.4	13.1	8.38	4.25	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 82.1
MAXIMUM DAILY, 806 ON MAY 20
MINIMUM DAILY, 0.8808 ON FEB 18
MAXIMUM INSTANTANEOUS,
808 AT 08:00 PST ON MAY 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 18 12 N
LONG 120 40 43 W
DRAINAGE AREA, 18 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 140	JUL	82 700
FEB	1 480	AUG	78 000
MAR	1 880	SEP	40 000
APR	190 000	OCT	68 100
MAY	982 000	NOV	27 700
JUN	188 000	DEC	17 200

TOTAL DISCHARGE, 1 640 000 dam³

BEAVER RIVER NEAR THE MOUTH - STATION NO. 08NB010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.228	8.388	4.288	8.81	81.3	111	88.3	88.7	48.8	22.7	13.1	13.1	1
2	8.888	8.288	3.888	8.82	82.8	128	82.8	85.4	42.1	18.8	13.8	12.8	2
3	8.588	8.338	4.018	8.88	81.8	127	78.1	83.7	40.8	17.8	13.4	12.7	3
4	8.388	8.318	4.488	8.88	84.1	132	78.8	78.8	38.1	17.2	13.8	12.7	4
5	8.858	8.888	4.858	8.48	87.8	188	81.8	77.8	43.3	18.1	13.8	12.8	5
6	8.888	8.788	8.888	8.88	71.2E	188	81.3	81.7	34.8	17.1	13.4	12.7	6
7	8.288	7.388	8.848	8.48	74.2	182	88.8	88.1	38.8	18.8	13.4	11.8	7
8	7.258	7.788	8.858	8.88	74.2	144	88.8	88.7	34.2	17.1	13.8	11.8	8
9	8.838	8.888	8.888	8.78	78.4	188	88.8	88.4	38.8	17.8	17.8	12.1	9
10	8.888	7.188	8.888	8.88	71.8	188	83.8	82.7	27.8	48.7	84.8	11.8	10
11	8.888	8.718	8.788	8.87	88.8	183	88.7	78.8	28.8	33.8	48.1	18.2	11
12	7.288	8.488	8.728	8.12	73.3	188	84.7	77.2	28.8	27.7	38.4	8.838	12
13	8.828	8.488	8.688	8.84	82.7	178	113	81.4	28.2	28.1	34.8	8.888	13
14	8.488	8.888	8.828	8.47	88.8	218	118	88.1	28.7	21.8	22.2	18.8	14
15	8.188	8.888	8.488	12.8	88.1	238	148	78.1	37.8	18.1	17.8	18.4	15
16	8.188	8.888	8.318	18.3	84.8	178	148	88.4	31.2	17.8	18.8	18.7	16
17	8.378	8.828	8.228	12.8	84.8	131	124	88.1	28.7	18.8	17.8	8.988	17
18	8.328	8.888	8.128	12.2	88.8	188	188	88.8	22.8	18.8	17.3	8.188	18
19	8.788	8.848	8.288	12.8	84.8	121	184	83.3	21.1	18.2	17.3	8.288	19
20	8.158	7.818	8.448	13.8	47.8	88.8	123	83.2	18.8	18.8	18.2	7.488	20
21	7.888	7.878	8.438	33.1	43.8	78.3	127	81.2	38.4	17.8	17.8	8.838	21
22	7.888	7.288	8.428	37.2	42.8	82.8	93.7	88.8	24.3	21.8	13.7	8.888	22
23	8.888	7.838	8.588	27.8	45.8	82.4	82.8	87.4	28.1	18.4	12.7	8.888	23
24	8.788	8.888	8.588	27.8	47.3	87.8	84.2	87.1	28.4	21.7	14.7	7.888	24
25	8.418	8.888	8.888	38.3	44.1	88.4	82.2	83.7	28.8	28.8	16.8	8.888	25
26	8.888	8.888	8.888	28.8	48.8	113	83.4	88.8	31.8	18.8	14.8	8.858	26
27	8.888	8.888	7.888	27.8	44.8	113	88.2	48.4	31.8	17.3	12.7	8.838	27
28	7.388	8.488	8.84	24.2	44.8	81.7	188	48.8	28.8	18.1	14.8	8.888	28
29	7.788		8.87	28.8	48.4	78.8	88.8	44.8	31.2	14.7	14.8	8.838	29
30	8.888		8.88	38.8	88.8	88.3	88.1	41.8	38.3	15.8	13.8	8.818	30
31	8.188		8.83		77.8		101	41.7		13.4		8.888	31
TOTAL	248.81	188.88	183.83	481.48	1 821.4	3 888.7	3 878.1	2 284.8	942.7	812.8	880.7	318.18	TOTAL
MEAN	8.02	8.87	8.22	15.8	88.8	132	88.3	71.1	31.4	18.8	18.4	18.2	MEAN
MAX	8.88	8.88	7.88	38.8	88.8	238	148	88.7	48.8	48.7	84.8	13.1	MAX
MIN	8.41	8.28	3.88	8.88	42.8	78.8	78.1	41.8	18.8	13.4	13.7	8.88	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 38.8
MAXIMUM DAILY, 238 ON JUN 18
MINIMUM DAILY, 3.888 ON MAR 3
MAXIMUM INSTANTANEOUS,
248 AT 88:24 MST ON JUN 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 81 38 38 N
LONG 117 27 42 W
DRAINAGE AREA, 1 188 km²
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	21 888	JUL	388 888
FEB	18 188	AUG	188 888
MAR	18 788	SEP	81 488
APR	38 888	OCT	82 888
MAY	187 888	NOV	47 888
JUN	342 888	DEC	27 288

TOTAL DISCHARGE, 1 288 888 dam³

BELOW CREEK BELOW HILDA CREEK - STATION NO. 08NM232

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3048	0.2388	0.313	0.310	1.22	1.83	0.882	0.212	0.233	0.188	0.178	0.2128	1
2	0.3028	0.2068	0.318	0.318	1.30	1.73	0.771	0.224	0.218	0.188	0.178	0.2088	2
3	0.3028	0.2148	0.318	0.308	1.34	1.55	0.637	0.268	0.261	0.184	0.193	0.2148	3
4	0.3008	0.2288	0.328	0.288	2.36	1.38	0.624	0.247	0.300	0.186	0.284	0.2208	4
5	0.2988	0.2828	0.338	0.301	3.13	1.21	0.417	0.228	0.276	0.181	0.283	0.2238	5
6	0.2828	0.2928	0.322	0.304	3.47	1.06	0.358	0.217	0.264	0.178	0.234	0.2308	6
7	0.2868	0.3128	0.313	0.312	3.48	0.908	0.330	0.208	0.254	0.180	0.221	0.2128	7
8	0.2748	0.3288	0.308	0.318	3.28	0.821	0.314	0.202	0.244	0.180	0.218	0.2088	8
9	0.2808	0.3438	0.313	0.310	3.26	0.767	0.306	0.188	0.238	0.180	0.265	0.2128	9
10	0.2888	0.3628	0.317	0.328	3.78	0.732	0.298	0.184	0.232	0.180	0.448	0.2088	10
11	0.283A	0.3478	0.318	0.387	3.27	0.677	0.303	0.189	0.224	0.183	0.432	0.1948	11
12	0.2868	0.3368	0.317	0.387	2.70	0.678	0.283	0.180	0.221	0.187	0.381	0.1878	12
13	0.2808	0.3268	0.314	0.478	2.34	0.640	0.264	0.188	0.218	0.182	0.301	0.1908	13
14	0.2908	0.3248	0.305	0.573	1.87	0.581	0.278	0.184	0.212	0.184	0.287A	0.1808	14
15	0.2868	0.3258	0.308	0.715	1.80	1.01	0.372	0.342	0.208	0.183	0.2748	0.1838	15
16	0.2928	0.3278	0.310	0.788	1.68	0.874	0.378	0.283	0.202	0.188	0.2708	0.1888	16
17	0.3008	0.3288	0.318	0.760	1.88	0.743	0.328	0.268	0.201	0.188	0.2708	0.1928	17
18	0.3028	0.3308	0.308	0.748	1.88	0.853	0.300	0.288	0.200	0.187	0.2728	0.1888	18
19	0.3008	0.3328	0.312	0.888	1.80	0.788	0.281	0.248	0.198	0.187	0.2818	0.1828	19
20	0.2948	0.338	0.303	0.853	1.80	0.782	0.288	0.238	0.187	0.188	0.2948	0.1848	20
21	0.2888	0.328	0.310	0.883	1.71	0.888	0.284	0.238	0.198	0.188	0.2828	0.1888	21
22	0.2828	0.328	0.305	0.881	1.88	0.743	0.266	0.283	0.197	0.188	0.2708	0.1948	22
23	0.2728	0.327	0.310	0.808	1.84	0.888	0.239	0.262	0.198	0.185	0.2308	0.2018	23
24	0.2728	0.328	0.307	0.847	2.08	0.888	0.231	0.237	0.194	0.185	0.2388	0.2048	24
25	0.2788	0.321	0.288	0.833	2.15	0.881	0.224	0.238	0.194	0.186	0.2408	0.2008	25
26	0.2888	0.311	0.301	0.808	2.08	0.481	0.218	0.227	0.194	0.194	0.2378	0.1948	26
27	0.2828	0.316	0.303	0.817	2.10	0.407	0.218	0.224	0.196	0.194	0.2388	0.1908	27
28	0.2888	0.312	0.309	0.857	2.00	0.381	0.231	0.221	0.191	0.188	0.2328	0.1868	28
29	0.2978		0.297	0.936	1.88	0.388	0.221	0.220	0.191	0.180	0.2318	0.1828	29
30	0.3028		0.283	1.07	1.81	0.411	0.213	0.214	0.190	0.180	0.2288	0.1888	30
31	0.2848		0.303		1.83		0.212	0.228		0.177		0.1948	31
TOTAL	9.009	8.847	9.827	18.741	88.14	24.387	10.102	7.208	6.738	5.782	7.818	6.112	TOTAL
MEAN	0.291	0.308	0.311	0.828	2.23	0.813	0.328	0.232	0.225	0.187	0.284	0.197	MEAN
MAX	0.304	0.352	0.328	1.07	3.78	1.83	0.771	0.342	0.381	0.196	0.448	0.222	MAX
MIN	0.272	0.208	0.283	0.288	1.22	0.381	0.212	0.188	0.180	0.177	0.178	0.180	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.803
MAXIMUM DAILY, 3.78 ON MAY 10
MINIMUM DAILY, 0.177 ON OCT 31
MAXIMUM INSTANTANEOUS,
4.01 AT 08:08 PST ON MAY 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 55 N
LONG 119 04 17 W
DRAINAGE AREA, 70.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	778	JUL	873
FEB	747	AUG	623
MAR	832	SEP	582
APR 1	620	OCT	500
MAY 5	970	NOV	504
JUN 2	100	DEC	528

TOTAL DISCHARGE, 15 800 dam³

BELL-IRVING RIVER BELOW POWSER RIVER - STATION NO. 08DA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1808	780	707	741	388	400 E	88.3	88.8	1
2	---	---	---	---	2008	725	731	733	343	380 E	85.5	71.8	2
3	---	---	---	---	2208	724	686	686	360	400 E	119	78.0	3
4	---	---	---	---	2808	887	682	672	428	485 E	133	88.7	4
5	---	---	---	---	2908	1 000	636	688	408	408 E	130	85.8	5
6	---	---	---	---	3808	843	840	633	401	380 E	132	89.4	6
7	---	---	---	---	4208	783	858	588	487	383 E	138	81.4	7
8	---	---	---	---	4488	780	748	555	478	408 E	130	77.2	8
9	---	---	---	---	4558	782	788	494	443	388 E	118	72.2	9
10	---	---	---	---	4408	805	827	481	418	378 E	108	88.7	10
11	---	---	---	---	4208	808	880	488	388	340 E	87.2	88.2	11
12	---	---	---	---	3888	883	928	888	383	310 E	88.4	84.5	12
13	---	---	---	---	382	918	888	848	387	282 E	88.7	83.3	13
14	---	---	---	84.8A	337	1 100	872	888	330	287 E	82.0	81.3	14
15	---	---	---	80.4	348	834	783	851	283	238 E	78.7	88.0	15
16	---	---	---	81.8	408	732	888	885	241	240 E	80.8	87.1	16
17	---	---	---	86.7	388	827	815	713	207	270 E	84.8	84.1	17
18	---	---	---	73.0	342	836	887	870	181	285 E	88.1	81.8	18
19	---	---	---	78.8	348	885	874	824	185	243 E	80.8	82.1	19
20	---	---	---	88.8	333	484	878	814	288	212 E	78.8	48.7	20
21	---	---	---	88.8A	313	471	817	843	827	184 E	73.8	40.8	21
22	---	---	---	83.8E	317	478	802	888	843	158 E	88.1	40.8	22
23	---	---	---	100 E	348	878	883	852	888	138 E	88.8	48.2	23
24	---	---	---	108 E	378	748	858	838	814	127 E	88.1	88.2	24
25	---	---	---	118 E	387	888	888	808	438	123 E	88.3	78.8	25
26	---	---	---	128 E	393	742	881	887	388	124 E	81.8	78.4	26
27	---	---	---	134 E	433	888	834	881	384	128 E	81.8	77.2	27
28	---	---	---	147 E	488	852	728	888	318	122 E	88.8	87.3	28
29	---		---	157 E	807	884	871	811	444	108 E	71.8	83.8	29
30	---		---	188 E	781	884	781	884	484A	88.8A	72.3	88.4	30
31	---		---		788		743	444		88.3		83.4	31
TOTAL	---	---	---	---	12 118	22 288	21 788	18 338	11 488	7 885.3	2 883.3	2 828.8	TOTAL
MEAN	---	---	---	---	381	743	783	882	383	287	88.4	88.4	MEAN
MAX	---	---	---	---	781	1 100	888	741	888	488	132	85.8	MAX
MIN	---	---	---	---	188	471	888	444	181	88.3	81.8	48.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1 100 ON JUN 18

MAXIMUM INSTANTANEOUS,
1 148 AT 18:38 PST ON JUN 14

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 18 48 N
LONG 128 08 38 W

A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 888 888
FEB	---	AUG	1 888 888
MAR	---	SEP	884 888
APR	---	OCT	887 888
MAY	1 858 888	NOV	332 888
JUN	1 838 888	DEC	178 888

BELLA COOLA RIVER ABOVE BURNT BRIDGE CREEK - STATION NO. 08FB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.7	30.0B	11.8B	12.8	120	223	134	215	127	78.0	30.8	43.3	1
2	20.3	22.5B	11.8B	13.0	129	234	129	203	118	87.4	32.4	84.5	2
3	20.8	21.5B	11.7B	13.0	142	241	128	200	113	82.0	86.7	78.8	3
4	20.9	21.3B	11.9B	12.4	164	265	123	199	122	87.2	98.7	80.4	4
5	20.1	21.1B	12.2B	12.8	180	283	121	191	110	71.0	75.4	71.5	5
6	19.8	21.1B	12.0B	13.5	187	289	123	186	101	69.7	64.5	63.9	6
7	18.0	21.1B	11.8B	14.3	181	236	127	186	113	59.5	56.7	59.5	7
8	17.8B	21.2B	11.7B	14.1	188	224	148	188	123	71.2	58.2	58.4	8
9	17.0B	21.8B	11.9	14.0	185	202	152	183	118	80.1	155	62.1	9
10	18.8B	22.0B	12.1	14.2	178	201	190	167	103	80.3	207	48.3	10
11	18.7	22.4B	11.9	15.3	150	218	234	145	100	75.1	125	45.4	11
12	18.7	23.0B	11.8	16.7	128	230	228	137	104	82.8	89.4	44.8	12
13	18.7	23.0B	11.8	18.2	118	216	228	138	113	84.1	82.4	42.8	13
14	17.8	22.8B	11.7	23.2	117	218	226	137	108	67.8	70.8	41.1	14
15	17.1	21.9B	11.8	31.1	124	197	208	127	97.1	63.0	84.2	40.2	15
16	17.8	21.0B	11.5	30.7	135	189	201	134	80.0	38.8	61.2	38.9	16
17	17.7	20.8B	11.5	28.5	132	182	184	183	71.5	48.7	58.0	37.7	17
18	17.4	20.9B	11.5	28.9	118	134	188	170	86.8	84.3	138	38.2	18
19	17.1	21.3B	11.3	33.8A	102	119	161	174	83.8	61.0	178	38.4	19
20	18.9B	21.7B	11.4	38.8	84.3	112	178	174	88.9	72.8	121	33.1	20
21	18.8B	19.8B	11.8	43.0	87.2	113	188	182	78.8	85.4	84.8	30.8	21
22	18.8B	18.3B	11.8	42.0	82.3	118	181	187	81.0	87.0	78.8	38.7	22
23	18.3B	17.3B	12.2	41.5	84.8	137	158	147	85.7	81.8	74.0	48.2	23
24	18.5B	16.8B	12.0	41.9	87.4	188	180	147	84.5	48.2	67.0	50.5	24
25	18.3	14.4B	12.0	46.9	98.8	188	182	144	81.8	46.6	58.8	86.5	25
26	17.1	13.8B	12.3	53.0	85.4	182	186	140	85.8	44.8	58.3	61.4	26
27	16.8	13.3B	12.5	56.7	83.8	144	173	138	86.2	41.4	61.3	78.2	27
28	16.1	13.2B	12.6	56.0	87.3	132	167	134	78.8	37.6	48.7	86.8	28
29	24.3		12.7	78.4	110	117	167	133	88.3	38.8	47.3	80.8	29
30	83.2		12.5	88.8	147	128	185	137	84.1	34.1	44.7	85.3	30
31	40.0B		13.3		182		207	140		32.1		81.2	31
TOTAL	617.8	587.5	388.0	872.8	3 988.4	5 583	5 288	5 020	2 881.8	1 842.5	2 488.3	1 845.0	TOTAL
MEAN	19.9	20.3	11.8	32.4	128	185	171	162	95.4	59.4	81.8	83.1	MEAN
MAX	83.2	30.0	12.8	88.8	182	283	234	216	127	84.3	207	81.8	MAX
MIN	16.3	13.2	11.3	12.8	82.3	112	121	127	83.8	32.1	30.8	30.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 88.8
MAXIMUM DAILY, 283 ON JUN 5
MINIMUM DAILY, 11.3 ON MAR 19
MAXIMUM INSTANTANEOUS,
308 AT 04:32 PST ON JUN 5

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 25 20 N
LONG 126 08 39 W
DRAINAGE AREA, 3 730 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	53 400	JUL	457 000
FEB	48 900	AUG	434 000
MAR	31 800	SEP	247 000
APR	84 100	OCT	159 000
MAY	344 000	NOV	212 000
JUN	481 000	DEC	142 000

TOTAL DISCHARGE, 2 690 000 dam³

BERTRAND CREEK AT INTERNATIONAL BOUNDARY - STATION NO. 08MH152

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.207	0.428	0.123	0.058	0.050	0.030	0.182A	---	1
2	---	---	---	---	0.218	0.330	0.188	0.058	0.048	0.031	---	---	2
3	---	---	---	---	0.208	0.274	0.118	0.052	0.048	0.028	---	---	3
4	---	---	---	---	0.182	0.238	0.087	0.048	0.048	0.028	---	---	4
5	---	---	---	---	0.167	0.203	0.080	0.043	0.048	0.031	---	---	5
6	---	---	---	---	0.182	0.178	0.078	0.040	0.044	0.034	---	---	6
7	---	---	---	---	0.172	0.162	0.078	0.038	0.040	0.033	---	---	7
8	---	---	---	---	0.168	0.152	0.070	0.038	0.038	0.033	---	---	8
9	---	---	---	---	0.142	0.141	0.088	0.038	0.038	0.034	---	---	9
10	---	---	---	---	0.128	0.137	0.068	0.038	0.038	0.038	---	---	10
11	---	---	---	---	0.184	0.132	0.080	0.037	0.032	0.068	---	---	11
12	---	---	---	---	0.181	0.114	0.068	0.038	0.032	0.247	---	---	12
13	---	---	---	---	0.138	0.111	0.058	0.034	0.032	0.183	---	---	13
14	---	---	---	---	0.118	0.228	0.058	0.040	0.031	0.263	---	---	14
15	---	---	---	---	0.104	0.159	0.053	0.058	0.031	0.082	---	---	15
16	---	---	---	---	0.082	0.147	0.060	0.092	0.031	0.082	---	---	16
17	---	---	---	---	0.207	0.188	0.078	0.127	0.032	0.064	---	---	17
18	---	---	---	---	0.738	0.281	0.064	0.080	0.033	0.078	---	---	18
19	---	---	---	---	0.488	0.178	0.057	0.050	0.031	0.188	---	---	19
20	---	---	---	---	0.314	0.227	0.053	0.060	0.030	0.078	---	---	20
21	---	---	---	---	0.241	0.157	0.052	0.480	0.028	0.188	---	---	21
22	---	---	---	---	0.207	0.130	0.050	0.471	0.026	0.285	---	---	22
23	---	---	---	---	0.277	0.104	0.048	0.148	0.026	0.328	---	---	23
24	---	---	---	---	0.585	0.090	0.045	0.088	0.026	0.878	---	---	24
25	---	---	---	---	0.488	0.087	0.045	0.071	0.028	0.280	---	---	25
26	---	---	---	---	0.811	0.078	0.044	0.063	0.032	1.44	---	---	26
27	---	---	---	0.322A	4.81	0.088	0.041	0.081	0.088	1.17	---	---	27
28	---	---	---	0.277	3.78	0.128	0.038	0.080	0.043	0.827	---	---	28
29	---	---	---	0.247	1.32	0.118	0.040	0.058	0.038	0.333	---	---	29
30	---	---	---	0.226	0.788	0.088	0.037	0.054	0.030	0.288	---	---	30
31	---	---	---		0.648		0.035	0.054		0.243		---	31
TOTAL	---	---	---	---	18.732	5.018	2.021	2.867	1.074	7.807	---	---	TOTAL
MEAN	---	---	---	---	0.638	0.167	0.065	0.088	0.036	0.242	---	---	MEAN
MAX	---	---	---	---	4.81	0.428	0.188	0.480	0.068	1.44	---	---	MAX
MIN	---	---	---	---	0.082	0.078	0.035	0.034	0.028	0.028	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.028 ON SEP 22

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 00 08 N
LONG 122 31 18 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	178
FEB	---	AUG	330
MAR	---	SEP	82.8
APR	---	OCT	848
MAY	1 440	NOV	---
JUN	434	DEC	---

BESSETTE CREEK ABOVE BEAVERJACK CREEK - STATION NO. 08LC039

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.8300	0.8700	0.8830	1.12	9.87	13.3	2.98	0.886	1.07	0.848	0.862	0.888	1
2	0.8200	0.8100	0.8670	1.10	11.4	13.3	4.08	0.887	1.51	0.843	0.848	0.838	2
3	0.8400	0.8700	0.8710	1.07	11.8	12.8	3.43	0.838	2.05	0.850	0.746	0.885	3
4	0.8400	0.8300	0.8750	1.04	11.8	11.5	2.86	1.81	1.82	0.880	0.828	0.883	4
5	0.8300	0.4700	0.8800	1.18	12.3	10.8	2.04	1.20	1.86	0.883	1.08	1.01	5
6	0.8800	0.4700	0.8888	1.38	13.6	10.1	1.88	0.828	1.52	0.883	1.08	0.880	6
7	0.8600	0.4600	0.8888	1.38	15.6	9.09	1.38	0.809	1.41	0.873	1.08	0.888	7
8	0.8400	0.4888	0.7208	1.48	16.2	7.79	1.27	0.741	1.28	0.880	1.08	0.830	8
9	0.8208	0.8088	0.7708	1.48	15.7	7.01	1.27	0.783	1.20	0.703	1.07	0.852	9
10	0.8008	0.8148	0.8408	1.47	15.5	8.25	1.18	0.848	1.14	0.708	1.48	0.870	10
11	0.7888	0.8208	0.8408	1.88	17.8	8.15	1.82	0.788	1.10	0.703	2.84	1.04	11
12	0.7808	0.8268	1.08 E	1.88	12.8	4.71	1.88	0.888	1.08	0.888	2.38	0.881	12
13	0.7808	0.8308	1.38 E	2.38	10.2	4.17	1.24	0.851	0.998	0.814	1.82	1.13	13
14	0.7808	0.8348	1.80 E	3.11	8.83	4.81	1.18	0.888	0.844	0.823	1.82	1.04	14
15	0.8008	0.8388	1.88 E	8.13	8.17	8.78	1.88	1.10	0.808	0.854	1.18	0.884	15
16	0.8508	0.8488	1.87 E	8.70	8.71	7.07	2.87	1.77	0.888	0.838	1.38	0.822	16
17	0.8008	0.8588	1.86 E	8.67	8.88	5.48	2.22	1.88	0.884	0.821	1.38	0.822	17
18	0.8308	0.8588	1.83 E	8.63	10.8	4.48	1.87	1.70	0.850	0.844	1.33	0.810	18
19	0.8208	0.8528	1.80 E	7.88	10.2	4.48	1.32	1.37	0.847	0.822	1.18	0.881	19
20	0.8108	0.8888	1.48 E	8.84	8.38	5.18	1.11	1.22	0.787	0.810	1.37	0.808	20
21	0.8708	0.8808	1.47 E	8.27	8.37	4.40	0.888	1.13	0.781	0.824	1.38	0.877	21
22	0.8308	0.8008	1.48 E	8.78	8.82	4.41	0.821	1.17	0.733	0.848	1.22	1.08	22
23	0.7808	0.8308	1.81 E	8.18	8.18	4.12	0.832	1.18	0.711	0.728	1.84	1.00	23
24	0.7808	0.8508	1.88 E	7.88	8.87	3.18	0.773	0.988	0.888	0.833	1.30	0.887	24
25	0.7788	0.8808	1.80 E	7.82	8.86	3.03	0.880	0.811	0.878	1.02	1.18	0.877	25
26	0.7708	0.4618	1.88 E	7.70	8.36	2.88	0.810	0.840	0.888	0.888	1.03	0.882	26
27	0.7888	0.8828	1.48 E	7.41	8.89	2.09	0.858	0.881	0.887	0.887	1.01	0.852	27
28	0.7888	0.8888	1.40 E	7.30	10.7	1.88	0.812	1.10	0.848	0.813	1.17	0.858	28
29	0.7888		1.32 E	7.87	8.86	1.84	0.880	0.883	0.844	0.743	1.08	0.858	29
30	0.7808		1.23 E	8.43	10.2	2.14	0.744	0.809	0.848	0.710	0.886	0.848	30
31	0.7208		1.18 E		11.4		0.858	1.02		0.884		0.847	31
TOTAL	25.440	15.858	39.818	143.41	382.73	185.84	48.528	31.928	30.810	21.878	28.803	28.188	TOTAL
MEAN	0.821	0.888	1.18	4.78	11.4	6.18	1.58	1.03	1.03	0.888	1.33	0.841	MEAN
MAX	0.838	0.870	1.80	8.27	18.8	13.3	4.08	1.77	2.08	1.02	2.84	1.13	MAX
MIN	0.720	0.478	0.883	1.04	8.17	1.88	0.888	0.887	0.844	0.810	0.848	0.847	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.82
MAXIMUM DAILY, 18.8 ON MAY 10
MINIMUM DAILY, 0.478E ON FEB 5
MAXIMUM INSTANTANEOUS,
31.0 AT 01:28 PST ON MAY 11

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 17 52 N
LONG 116 01 30 W
DRAINAGE AREA, 803 km²

E - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 200	JUL	4 020
FEB	1 370	AUG	2 760
MAR	3 180	SEP	2 580
APR	12 400	OCT	1 870
MAY	30 500	NOV	2 180
JUN	15 100	DEC	2 530

TOTAL DISCHARGE, 82 800 dam³

BESSETTE CREEK ABOVE LUMBY LAGOON OUTFALL - STATION NO. 08LC042

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.7408	0.8208	0.8088	0.870	8.18	18.8	3.18	0.338	1.02	0.487	0.838	0.783	1
2	0.7408	0.8408	0.8088	0.870	8.40	18.8	4.87	0.400	1.88	0.838	0.838	1.18	2
3	0.7408	0.8108	0.8108	0.880	8.47	18.1	3.18	0.880	2.38	0.811	0.732	1.18	3
4	0.7608	0.4788	0.8188	0.880	8.47	13.8	3.84	1.83	2.18	0.818	0.823	1.18	4
5	0.7608	0.4408	0.8218	0.870	10.8	11.8	1.88	1.07	1.72	0.478	1.14	1.18	5
6	0.8108	0.4208	0.8388	1.04	12.7	11.1	1.88	0.820	1.44	0.852	1.08	1.11	6
7	0.7908	0.4288	0.8488	1.04	13.4	8.47	1.08	0.813	1.43	0.847	1.28	1.04	7
8	0.7708	0.4288	0.8808	1.04	18.3	7.32	1.23	0.480	1.38	0.842	1.13	1.18	8
9	0.7588	0.4338	0.8908	1.04	18.3	8.48	1.08	0.820	1.28	0.838	1.23	1.28	9
10	0.7488	0.4378	0.7408	1.04	18.3	8.32	1.01	0.783	1.17	0.888	1.87	1.11	10
11	0.7278	0.4408	0.8288	1.18	17.3	4.84	1.88	0.823	1.08	0.881	3.28	0.735	11
12	0.7218	0.4488	0.8808	1.34	12.8	4.22	1.38	0.388	1.01	0.836	2.78	0.738	12
13	0.7038	0.4808	1.02 E	1.88	11.8	3.88	1.01	0.308	0.840	0.482	1.88	1.28	13
14	0.8828	0.4848	1.08 E	2.22	11.8	3.73	0.880	0.440	0.874	0.881	2.00	1.18	14
15	0.7228	0.4828	1.13 E	3.88	7.32	11.3	1.48	1.22	0.808	0.881	1.18	1.04	15
16	0.7808	0.4788	1.04	5.32	7.88	8.80	2.77	2.05	0.883	0.838	1.08	1.11	16
17	0.8108	0.4808	1.04	5.13	8.47	4.88	2.18	1.84	0.818	0.838	1.88	1.18	17
18	0.8218	0.4808	0.810	5.13	10.4	3.87	1.88	1.84	0.788	0.838	1.83	0.810	18
19	0.8308	0.8088	0.850	6.08	10.2	3.87	1.08	2.05	0.784	0.838	1.24	0.738	19
20	0.8308	0.8188	1.14	8.48	10.8	8.03	0.830	2.18	0.872	0.838	1.88	0.810	20
21	0.8008	0.8328	1.11	7.22	11.1	4.13	0.823	1.84	0.832	0.838	1.88	0.848	21
22	0.7808	0.8428	1.18	6.84	7.88	3.88	0.888	1.08	0.803	0.827	1.34	0.848	22
23	0.7308	0.8038	1.11	6.27	7.88	3.88	0.400	1.01	0.887	0.873	1.18	0.848	23
24	0.7108	0.8888	1.18	8.27	8.24	3.18	0.400	0.828	0.817	0.724	1.28	0.780	24
25	0.7038	0.8888	1.34	8.27	8.83	3.33	0.388	0.780	0.813	1.03	1.18	0.883	25
26	0.8888	0.8848	1.36	8.88	8.47	2.81	0.308	0.871	0.808	0.778	0.810	0.880	26
27	0.8878	0.8008	1.11	8.81	8.24	1.73	0.308	0.887	0.803	0.778	1.42	0.810	27
28	0.8858	0.8028	1.11	8.81	8.24	1.84	0.388	1.08	0.488	0.778	1.18	0.810	28
29	0.8878		0.870	4.84	11.1	1.84	0.820	0.737	0.488	0.724	1.18	0.810	29
30	0.7038		0.870	8.88	11.1	1.88	0.823	0.732	0.880	0.881	1.84	0.810E	30
31	0.8708		1.84		11.8		0.400	0.781		0.837		0.810	31
TOTAL	23.122	14.088	28.774	108.280	337.28	180.78	41.884	31.778	28.883	18.888	41.177	28.488	TOTAL
MEAN	0.748	0.503	0.828	3.84	10.8	6.38	1.34	1.03	0.888	0.883	1.37	0.881	MEAN
MAX	0.838	0.828	1.34	7.22	17.3	18.8	4.87	2.18	2.38	1.03	3.28	1.28	MAX
MIN	0.870	0.420	0.808	0.880	7.32	1.84	0.308	0.308	0.488	0.478	0.838	0.848	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.48
MAXIMUM DAILY, 17.3 ON MAY 11
MINIMUM DAILY, 0.308 ON JUL 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 18 11 N
LONG 116 57 37 W
DRAINAGE AREA, 488 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 000	JUL	3 880
FEB	1 220	AUG	2 750
MAR	3 480	SEP	2 880
APR	8 440	OCT	1 820
MAY	28 100	NOV	3 880
JUN	15 800	DEC	2 880

TOTAL DISCHARGE, 77 400 dam³

BIDWELL CREEK AT THE MOUTH - STATION NO. 08MA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.023	0.015	0.013	0.011	0.008	0.007	0.008	---	1
2	---	---	---	---	0.023	0.014	0.013	0.011	0.008	0.007	0.008	---	2
3	---	---	---	---	0.023	0.014	0.013	0.011	0.008	0.008	0.008	---	3
4	---	---	---	---	0.022	0.014	0.014	0.010	0.008	0.008	0.007	---	4
5	---	---	---	---	0.021	0.014	0.014	0.010	0.008	0.008	0.007	---	5
6	---	---	---	---	0.020	0.014	0.013	0.010	0.008	0.008	0.007	---	6
7	---	---	---	---	0.020	0.014	0.013	0.010	0.008	0.008	0.007	---	7
8	---	---	---	---	0.020	0.015	0.013	0.009	0.008	0.008	0.008	---	8
9	---	---	---	---	0.019	0.015	0.014	0.010	0.008	0.007	0.007	---	9
10	---	---	---	---	0.020	0.015	0.014	0.010	0.008	0.007	0.007	---	10
11	---	---	---	---	0.019	0.014	0.013	0.010	0.008	0.007	0.007	---	11
12	---	---	---	---	0.018	0.014	0.013	0.009	0.008	0.007	0.007	---	12
13	---	---	---	---	0.018	0.015	0.013	0.009	0.008	0.007	0.007	---	13
14	---	---	---	---	0.018	0.014	0.013	0.009	0.008	0.007	0.007	---	14
15	---	---	---	---	0.017	0.015	0.013	0.011	0.008	0.007	0.007	---	15
16	---	---	---	0.082	0.018	0.015	0.012	0.010	0.008	0.007	0.007	---	16
17	---	---	---	0.078	0.018	0.015	0.012	0.009	0.008	0.008	0.007	---	17
18	---	---	---	0.078	0.018	0.015	0.012	0.009	0.008	0.008	---	---	18
19	---	---	---	0.077	0.017	0.014	0.012	0.008	0.008	0.007	---	---	19
20	---	---	---	0.085	0.017	0.014	0.013	0.010	0.008	0.008	---	---	20
21	---	---	---	0.078	0.017	0.015	0.012	0.010	0.008	0.008	---	---	21
22	---	---	---	0.073	0.018	0.014	0.011	0.010	0.008	0.008	---	---	22
23	---	---	---	0.068	0.018	0.014	0.013	0.010	0.008	0.008	---	---	23
24	---	---	---	0.064	0.018	0.013	0.013	0.010	0.008	0.010	---	---	24
25	---	---	---	0.027	0.016	0.013	0.011	0.009	0.008	0.007	---	---	25
26	---	---	---	0.026	0.018	0.013	0.011	0.009	0.008	0.007	---	---	26
27	---	---	---	0.025	0.018	0.014	0.011	0.009	0.008	0.008	---	---	27
28	---	---	---	0.024	0.018	0.014	0.011	0.009	0.008	0.007	---	---	28
29	---		---	0.024	0.018	0.014	0.011	0.009	0.008	0.007	---	---	29
30	---		---	0.024	0.018	0.014	0.011	0.009	0.008	0.008	---	---	30
31	---		---		0.018		0.011	0.009		0.008		---	31
TOTAL	---	---	---	---	0.582	0.428	0.383	0.300	0.244	0.235	---	---	TOTAL
MEAN	---	---	---	---	0.018	0.014	0.012	0.010	0.008	0.008	---	---	MEAN
MAX	---	---	---	---	0.023	0.015	0.014	0.011	0.009	0.010	---	---	MAX
MIN	---	---	---	---	0.015	0.013	0.011	0.009	0.008	0.007	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 05 15 N
LONG 123 48 34 W
DRAINAGE AREA, 144 km²

NATURAL FLOW

DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	33.1
FEB	---	AUG	26.8
MAR	---	SEP	21.1
APR	---	OCT	20.3
MAY	46.8	NOV	---
JUN	37.0	DEC	---

BIG CREEK ABOVE GROUNDHOG CREEK - STATION NO. 08MB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.7008	0.4408	0.5268	0.4708	8.70	21.3	8.47	8.82	11.0	3.81	2.55 B	0.9308	1
2	0.6868	0.3988	0.5208	0.4668	10.0	24.8	7.68	18.4	13.2	3.42	3.30 B	0.8308	2
3	0.8868	0.4168	0.5208	0.4608	12.7	24.3	7.37	20.3	11.2	3.18	3.67	1.00 B	3
4	0.8868	0.4468	0.5268	0.4908	14.1	23.7	7.31	14.7	10.1	3.10	4.88	1.08 B	4
5	0.8908	0.4868	0.5468	0.4868	16.9	24.4	8.81	12.3	9.23	3.01	4.00	1.10 B	5
6	0.8868	0.4808	0.5808	0.4788	18.3	24.4	8.83	11.7	8.10	2.93	3.48	1.10 B	6
7	0.8868	0.4868	0.5908	0.5108	18.8	20.7	8.88	10.1	7.85	2.88	3.73	1.10 B	7
8	0.8868	0.4708	0.5818	0.5408	20.4	18.8	8.48	9.18	7.78	2.78	3.91	1.08 B	8
9	0.8808	0.4488	0.5808	0.5208	20.1	18.4	8.48	8.48	7.84	2.88	3.43	1.05 B	9
10	0.8788	0.4308	0.5508	1.38 B	18.6	17.3	8.88	7.80	8.39	2.88	4.87	1.00 B	10
11	0.8728	0.4268	0.5408	1.90 B	16.0	18.2	14.8	8.32	8.91	3.17	3.83	0.9808	11
12	0.8708	0.4208	0.5808	2.18 B	11.0	21.6	14.3	8.84	8.73	2.88	1.83	0.9808	12
13	0.8788	0.4188	0.5868	2.48 B	8.41	20.0	14.8	8.78	8.87	2.83	1.88	0.9408	13
14	0.8808	0.4158	0.5848	2.70 B	8.80	20.2	15.8	8.78	8.43	2.81	1.30 B	0.9408	14
15	0.8868	0.4138	0.5488	3.08 B	8.82	18.8	13.8	7.49	8.13	2.33	1.10 B	0.9488	15
16	0.7008	0.4108	0.5288	3.58 B	10.8	13.8	13.0	31.2	4.88	3.33	1.08 B	0.8408	16
17	0.7158	0.4208	0.5208	4.48 B	11.8	11.8	10.3	18.8	5.81	2.78	1.10 B	0.9308	17
18	0.7208	0.4408	0.5208	5.00 B	8.89	8.48	8.17	16.3	5.30	4.87	1.15 B	0.8208	18
19	0.7008	0.4708	0.5228	5.40 B	7.31	8.18	8.40	16.2	4.83	5.71	1.18 B	0.8008	19
20	0.6708	0.4908	0.5308	7.70 B	8.21	7.88	8.48	17.0	4.48	4.32	1.15 B	0.8508	20
21	0.8508	0.5208	0.5408	7.20 B	8.88	7.48	7.88	17.8	4.33	3.81	1.10 B	0.8408	21
22	0.8308	0.5808	0.5418	8.80 B	8.83	8.81	8.83	18.1	4.18	3.87	1.08 B	0.8008	22
23	0.8008	0.5788	0.5408	9.00 B	8.18	10.8	8.82	14.1	4.01	3.87	1.03 B	0.7408	23
24	0.8008	0.5388	0.5388	8.40 B	8.18	12.3	8.81	12.4	3.87	4.78	1.00 B	0.7208	24
25	0.8028	0.5888	0.5308	4.80 B	8.83	14.2	8.88	11.8	3.82	4.38	0.9808	0.7808	25
26	0.8008	0.5488	0.5188	4.48 B	8.48	17.8	8.37	12.3	3.81	4.83	0.9808	0.8408	26
27	0.8288	0.5388	0.5068	4.80 B	8.78	13.8	7.18	10.8	4.20	3.83	0.9408	0.8408	27
28	0.8508	0.5308	0.4988	5.40 B	8.81	8.78	7.24	8.88	4.18	3.008	0.9408	1.00 B	28
29	0.8508		0.4888	8.87	8.88	8.80	8.80	10.4	4.04	2.808	0.9408	1.10 B	29
30	0.7008		0.4808	7.84	10.8	7.78	7.18	8.77	4.12	2.808	0.9408	1.20 B	30
31	0.8208		0.4788		17.7		8.84	8.88		2.408		1.18 B	31
TOTAL	30.730	13.218	16.444	108.788	347.88	478.38	271.83	378.87	188.34	102.88	80.420	28.848	TOTAL
MEAN	0.888	0.472	0.530	3.88	11.2	16.0	8.76	12.2	8.18	3.32	2.81	0.983	MEAN
MAX	0.720	0.588	0.581	9.00	30.4	24.8	15.8	31.2	13.2	5.71	4.87	1.20	MAX
MIN	0.658	0.388	0.478	0.480	8.82	7.48	8.88	8.84	3.81	3.32	0.848	0.728	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.82
MAXIMUM DAILY, 34.8 ON JUN 2
MINIMUM DAILY, 0.3888 ON FEB 2
MAXIMUM INSTANTANEOUS,
38.7 AT 07:88 PST ON JUN 2

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 31 33 N
LONG 123 04 33 W
DRAINAGE AREA, 1 030 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 790	JUL	23 800
FEB	1 140	AUG	23 300
MAR	1 430	SEP	16 000
APR	9 480	OCT	8 800
MAY	30 100	NOV	6 230
JUN	41 400	DEC	2 530

TOTAL DISCHARGE, 174 000 dam³

BIG CREEK BELOW GRAVEYARD CREEK - STATION NO. 08NB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2628	0.3108	0.3288	0.2008	3.96	12.8	5.11	7.33	5.04	1.61	1.60 B	0.7608	1
2	0.2808	0.3088	0.3218	0.1888	3.72	14.2	4.84	11.4	4.76	1.36	2.00 B	0.6908	2
3	0.2788	0.2268	0.3238	0.1888	4.72	13.4	4.86	9.96	4.22	1.27	1.88	0.6208	3
4	0.2778	0.2408	0.3298	0.1908	8.38	13.4	4.46	8.32	4.13	1.21	1.87	0.8408	4
5	0.2758	0.2908	0.2618	0.1888	7.84	14.4	4.11	7.80	3.84	1.20	1.22	0.8808	5
6	0.2748	0.2808	0.2478	0.1908	8.12	13.8	4.26	8.96	3.31	1.16	1.13	0.8808	6
7	0.2708	0.2868	0.2488	0.2008	10.1	12.1	4.37	8.36	3.86	1.10	1.16	0.8208	7
8	0.2708	0.2408	0.2488	0.2108	10.8	11.4	4.37	8.87	3.81	1.04	1.38	0.8008	8
9	0.2708	0.2328	0.2478	0.2208	10.3	10.1	8.30	8.16	3.01	1.01	1.80	0.7208	9
10	0.2888	0.2258	0.2408	0.2308	9.22	9.86	8.72	4.20	2.80	1.48	2.00	0.8408	10
11	0.2888	0.2248	0.2388	0.2458	8.83	11.5	7.88	3.48	2.73	1.24	1.33	0.8008	11
12	0.2888	0.2238	0.2388	0.2708	8.42	12.0	8.83	3.48	2.78	1.21	1.10 B	0.8008	12
13	0.2888	0.2238	0.2408	0.3008	4.86	12.1	8.13	3.88	2.76	1.07	1.00 B	0.8808	13
14	0.2888	0.2228	0.2388	0.3808	4.82	11.7	8.10	3.88	2.87	1.01	0.9408	0.8808	14
15	0.2788	0.2228	0.2328	0.4808	8.44	8.72	7.26	4.87	2.44	0.841	0.8808	0.8808	15
16	0.2828	0.2228	0.2278	0.4808	8.44	8.82	8.20	8.82	2.42	1.00	1.00 B	0.8808	16
17	0.2808	0.2218	0.2228	0.6618	8.28	8.78	8.86	7.86	2.46	1.18	1.08 B	0.8808	17
18	0.2888	0.2258	0.2188	0.7708	4.71	4.78	8.28	8.21	2.17	3.84	1.00 B	0.8408	18
19	0.2758	0.2308	0.2148	0.7858	3.81	4.08	8.30	8.81	2.04	2.83	0.8008	0.8008	19
20	0.2888	0.2338	0.2208	0.7808	3.36	3.78	8.17	8.86	1.88	2.08	0.8408	0.4808	20
21	0.2688	0.2408	0.2288	0.7508	3.27	4.11	4.81	8.36	1.70	1.86	0.8208	0.4008	21
22	0.2608	0.2488	0.2288	0.7158	3.17	8.48	3.78	7.02	1.88	1.77	0.8088	0.3808	22
23	0.2408	0.2608	0.2308	0.7008	3.03	8.17	3.83	8.26	1.83	1.62	0.7808	0.3808	23
24	0.2388	0.2488	0.2288	0.817	3.07	7.83	3.47	8.80	1.83	1.88	0.7808	0.4008	24
25	0.2328	0.2408	0.2288	0.886	3.16	8.42	3.86	8.83	1.88	1.88	0.7588	0.4408	25
26	0.2408	0.2388	0.2208	1.04	3.03	8.84	4.88	8.88	1.84	1.86	0.7408	0.4808	26
27	0.2688	0.2318	0.2158	1.08	3.82	8.88	8.28	4.85	2.04	1.33	0.7208	0.5308	27
28	0.2708	0.2288	0.2118	1.30	3.73	8.47	4.86	4.86	1.86	1.22 B	0.7208	0.5608	28
29	0.2888		0.2088	1.81	4.04	8.80	4.72	4.83	1.88	1.20 B	0.7208	0.5408	29
30	0.3208		0.2068	3.36	7.37	8.12	8.38	4.46	1.86	1.18 B	0.7408	0.5008	30
31	0.2768		0.2018		10.7		8.26	4.73		1.28 B		0.4808	31
TOTAL	8.383	8.813	7.080	19.478	178.18	271.78	183.78	187.18	80.34	45.181	33.835	18.880	TOTAL
MEAN	0.270	0.233	0.228	0.649	8.88	8.06	8.28	8.36	2.88	1.48	1.13	0.800	MEAN
MAX	0.320	0.280	0.348	0.788	10.8	14.4	8.13	11.4	8.04	3.84	2.00	0.880	MAX
MIN	0.232	0.208	0.201	0.188	3.03	3.78	3.47	3.48	1.58	0.841	0.720	0.380	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.82
MAXIMUM DAILY, 14.4 ON JUN 5
MINIMUM DAILY, 0.1888 ON APR 8
MAXIMUM INSTANTANEOUS,
18.8 AT 22:48 PST ON JUN 5

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 15 37 N
LONG 133 05 33 W
DRAINAGE AREA, 232 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	723	JUL	14 300
FEB	583	AUG	17 000
MAR	610	SEP	8 040
APR	1 680	OCT	3 900
MAY	15 300	NOV	2 920
JUN	23 800	DEC	1 610

TOTAL DISCHARGE, 88 800 dam³

BIG SHEEP CREEK NEAR ROSSLAND - STATION NO. 08NE038

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.8388	0.4788	0.818	2.87	24.8	14.4	3.88	0.443	0.883	0.581	0.880	1.30	1
2	0.8158	0.4708	0.820	3.02	27.8	15.4	3.86	0.444	0.858	0.588	0.886	1.31	2
3	0.8138	0.4858	0.817	2.80	28.6	15.8	3.48	0.464	0.820	0.588	0.741	1.32	3
4	0.8188	0.4838	0.818	2.87	28.8	14.7	3.18	0.430	0.881	0.585	1.01	1.38	4
5	0.8108	0.4808	0.802	3.48	30.3	13.8	2.83	0.807	0.872	0.571	0.878	1.44	5
6	0.8058	0.4838	0.808	3.88	33.2	13.2	2.88	0.786	0.835	0.878	0.844	1.88	6
7	0.8008	0.4808	0.888	4.84	38.8	12.2	2.81	0.788	0.784	0.874	0.878	1.80	7
8	0.8808	0.4708	0.885	5.83	37.2	11.1	2.31	0.736	0.784	0.874	0.868	1.88	8
9	0.8008	0.4858	0.808	8.88	34.8	10.2	2.13	0.702	0.788	0.887	0.872	1.80	9
10	0.8388	0.8008	0.884	8.28	38.8	9.48	2.10	1.13	0.788	0.802	1.08	1.84	10
11	0.8348	0.4878	0.708	8.78	38.8	8.42	2.34	0.463	0.767	0.818	1.80	1.81	11
12	0.8338	0.4828	0.788	8.03	38.8	7.88	2.08	0.831	0.738	0.833	2.38	1.88	12
13	0.8288	0.4808	0.883	10.4	24.8	7.27	1.87	0.828	0.742	0.734	2.24	1.88	13
14	0.8248	0.4808	0.880	14.3	20.3	8.88	1.77	0.800	0.732	0.882	2.13	1.84	14
15	0.8208	0.4848	0.823	18.8	18.1	8.77	1.88	0.782	0.714	0.887	1.82	1.83	15
16	0.8188	0.4808	0.800	20.3	17.8	7.08	2.34	0.808	0.708	0.883	1.82	1.87	16
17	0.8178	0.4888	0.888	18.2	18.8	8.42	2.28	0.813	0.713	0.887	1.80	1.88	17
18	0.8268	0.8008	0.814	18.1	18.8	8.80	2.00	0.782	0.704	0.870	1.78	1.80	18
19	0.8218	0.8308	0.818	21.8	14.4	8.81	1.78	0.787	0.888	0.880	1.72	1.80	19
20	0.8188	0.8388	0.881	28.3	13.1	8.48	1.80	0.857	0.870	0.874	1.72	1.42	20
21	0.8078	0.8308	1.18	33.8	12.3	8.00	1.48	0.884	0.883	0.711	1.74	1.40	21
22	0.8008	0.3308	1.38	36.0	11.7	4.88	1.38	0.888	0.848	0.788	1.84	1.37	22
23	0.8038	0.2408	1.48	28.8	12.8	4.48	1.33	0.844	0.828	0.881	1.82	1.40	23
24	0.8088	0.248	1.58	26.3	13.8	4.18	1.28	0.788	0.821	0.841	1.81	1.38	24
25	0.8008	0.278	1.78	23.2	12.8	3.88	1.20	0.888	0.818	0.788	1.84	1.35	25
26	0.4888	0.3348	1.88	20.8	12.4	4.84	1.12	1.03	0.804	0.772	1.87	1.30	26
27	0.4858	0.8188	2.12	18.8	12.8	8.08	1.08	1.01	0.888	0.808	1.48	1.30	27
28	0.4808	0.807	2.38	17.8	13.8	4.28	1.03	0.878	0.881	0.747	1.43	1.28	28
29	0.4838		2.88	18.8	13.8	3.83	0.872	0.828	0.882	0.733	1.42	1.24	28
30	0.4888		3.72	20.4	13.8	3.83	0.821	0.808	0.800	0.721	1.38	1.20	30
31	0.4808		3.83		12.4		0.887	0.884		0.702		1.20	31
TOTAL	18.882	13.884	37.170	448.48	872.8	241.88	81.481	28.874	21.847	20.833	43.212	48.71	TOTAL
MEAN	0.537	0.488	1.20	18.8	31.7	8.08	1.88	0.870	0.728	0.882	1.44	1.81	MEAN
MAX	0.838	0.818	3.83	36.8	38.8	18.8	3.88	1.13	0.888	0.881	2.38	1.88	MAX
MIN	0.488	0.248	0.888	2.87	11.7	3.83	0.887	0.738	0.881	0.887	0.888	1.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.82
MAXIMUM DAILY, 38.8 ON MAY 11
MINIMUM DAILY, 0.2408 ON FEB 23
MAXIMUM INSTANTANEOUS,
43.1 AT 03:38 PST ON MAY 11

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 01 00 N
LONG 117 58 40 W
DRAINAGE AREA, 347 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 440	JUL	5 310
FEB	1 110	AUG	3 330
MAR	3 210	SEP	1 890
APR	26 800	OCT	1 770
MAY	58 190	NOV	3 730
JUN	20 800	DEC	4 040

TOTAL DISCHARGE, 143 000 dam³

BINGS CREEK NEAR THE MOUTH - STATION NO. 02HA015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.738	0.575	0.855	0.615	0.153	0.058	0.034	0.023	0.013	0.014	0.033	0.052	1
2	0.718	0.5288	0.855	0.626	0.136	0.058	0.035	0.023	0.013	0.013	0.028	0.233	2
3	2.17	0.4888	0.817	0.718	0.127	0.058	0.035	0.020	0.011	0.013	0.027	1.02	3
4	1.57	0.4408	1.05	0.895	0.127	0.052	0.035	0.018	0.010	0.014	0.042	2.30	4
5	1.30	0.4088	1.05	1.89	0.119	0.052	0.035	0.018	0.008	0.052	0.027	1.38	5
6	0.826	0.3788	2.06	1.48	0.118	0.047	0.035	0.018	0.003	0.020	0.026	0.871	6
7	0.694	0.3488	2.08	1.05	0.112	0.047	0.034	0.018	0.010	0.020	0.027	1.74	7
8	0.615	0.3188	2.08	0.897	0.105	0.047	0.024	0.018	0.007	0.020	0.027	1.38	8
9	0.576	0.3808	2.08	0.858	0.101	0.047	0.024	0.018	0.007	0.019	0.053	0.697	9
10	0.503	0.2858	2.36	0.895	0.090	0.047	0.024	0.018	0.008	0.014	0.064	0.838	10
11	0.423	0.2408	2.01	0.857	0.090	0.047	0.024	0.018	0.006	0.028	0.052	0.423	11
12	0.423	0.2208	1.69	0.383	0.083	0.047	0.024	0.018	0.003	0.023	0.047	0.393	12
13	0.805	0.2008	1.71	0.384	0.083	0.047	0.024	0.024	0.003	0.027	0.042	0.335	13
14	0.898	0.171	1.33	0.368	0.077	0.047	0.024	0.038	0.003	0.030	0.032	0.281	14
15	0.878	0.171	1.10	0.308	0.0688	0.042	0.034	0.024	0.003	0.030	0.040	0.233	15
16	1.77	0.171	1.25	0.281	0.0648	0.042	0.030	0.017	0.003	0.030	0.042	0.258	16
17	1.71	0.200	0.848	0.248	0.0728	0.042	0.030	0.017	0.003	0.018	0.042	0.200	17
18	2.01	0.248	0.822	0.222	0.0828	0.047	0.028	0.017	0.008	0.032	0.037	0.190	18
19	1.48	0.258	0.922	0.210	0.0868	0.052	0.027	0.014	0.014	0.023	0.037	0.181	19
20	1.30	0.308	0.922	0.210	0.0868	0.037	0.024	0.017	0.013	0.027	0.118	0.171	20
21	0.871	0.503	0.851	0.190	0.0868	0.037	0.024	0.018	0.013	0.027	0.071	0.200	21
22	0.738	2.33	0.898	0.181	0.0868	0.037	0.033	0.018	0.013	0.063	0.052	0.191	22
23	0.885	2.11	0.818	0.171	0.0678	0.032	0.033	0.018	0.011	0.047	0.063	0.171	23
24	0.803	1.71	0.885	0.171	0.0858	0.032	0.033	0.018	0.010	0.042	0.080	0.161	24
25	0.484	1.26	0.885	0.181	0.0848	0.027	0.023	0.013	0.010	0.039	0.064	0.190	25
26	0.423	1.07	0.818	0.232	0.0898	0.027	0.023	0.013	0.013	0.037	0.123	0.183	26
27	0.378	0.932	0.805	0.210	0.0678	0.030	0.023	0.013	0.014	0.027	0.083	0.181	27
28	0.348	0.851	0.718	0.181	0.0738	0.037	0.023	0.013	0.014	0.028	0.077	0.180	28
29	0.338		0.718	0.171	0.0678	0.032	0.023	0.013	0.014	0.028	0.084	0.183	29
30	0.805		0.888	0.181	0.0738	0.037	0.023	0.013	0.014	0.028	0.084	0.171	30
31	0.898		0.885		0.071		0.023	0.013		0.028		0.300	31
TOTAL	27.034	18.851	35.388	14.382	2.830	1.281	0.788	0.548	0.272	0.788	1.831	15.182	TOTAL
MEAN	0.872	0.805	1.14	0.479	0.088	0.043	0.025	0.018	0.009	0.028	0.084	0.490	MEAN
MAX	2.17	2.33	2.36	1.89	0.153	0.058	0.034	0.038	0.014	0.063	0.123	2.30	MAX
MIN	0.338	0.171	0.885	0.181	0.068	0.027	0.023	0.013	0.003	0.013	0.023	0.052	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.320
MAXIMUM DAILY, 2.36 ON MAR 10
MINIMUM DAILY, 0.003 ON SEP 8

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 47 22 N
LONG 133 43 28 W
DRAINAGE AREA, 15.8 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 340	JUL	68.2
FEB	1 630	AUG	47.1
MAR	3 050	SEP	23.5
APR	1 340	OCT	68.7
MAY	338	NOV	141
JUN	113	DEC	1 310

TOTAL DISCHARGE, 19 100 dam³

BLACK CREEK AT STURGESS ROAD - STATION NO. 03HD014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.88	0.187	0.020	0.073	0	0.281	---	---	---	1
2	---	---	---	1.78	0.138	0.048	0.147	0	0.200	---	---	---	2
3	---	---	---	1.61 E	0.137	0.026	0.223	0 E	0.170	---	---	---	3
4	---	---	---	1.41 E	0.106	0.013	0.383	0 E	0.085	---	---	---	4
5	---	---	---	1.88	0.089	0.005	1.03	0 E	0.060	---	---	---	5
6	---	---	---	2.10	0.101	0.003	0.858	0 E	0.021	---	---	---	6
7	---	---	---	2.48	0.088	0.002	0.742	0	0.011	---	---	---	7
8	---	---	---	2.36	0.073	0.003	0.614	0	0.008	---	---	---	8
9	---	---	---	1.62	0.058	0.003	0.373	0	0.008	---	---	---	9
10	---	---	---	1.31	0.057	0.001	0.193	0	0.002	---	---	---	10
11	---	---	---	1.03	0.028	0.002	0.190	0	0	---	---	---	11
12	---	---	---	0.828	0.043	0.003	0.143	0	0	---	---	---	12
13	---	---	---	0.884	0.034	0	0.134	0	0	---	---	---	13
14	---	---	---	0.805	0.029	0	0.088	0	0	---	---	---	14
15	---	---	---	0.482	0.031	0	0.048	0	0	---	---	---	15
16	---	---	---	0.440	0.018	0	0.048	0	0.004	---	---	---	16
17	---	---	---	0.387	0.026	0	0.048	0	0.008	---	---	---	17
18	---	---	---	0.322	0.193	0	0.048	0	0	---	---	---	18
19	---	---	---	0.315	0.136	0	0.038	0	0	---	---	---	19
20	---	---	---	0.483	0.088	0	0.030	0	0	---	---	---	20
21	---	---	---	0.853	0.068	0	0.028	0.008	0	---	---	---	21
22	---	---	---	0.884	0.068	0	0.028	0.048	0	---	---	---	22
23	---	---	---	0.793	0.048	0	0.028	0.088	0	---	---	---	23
24	---	---	---	0.718	0.072	0	0.007	0.034	0	---	---	---	24
25	---	---	---	0.484	0.088	0	0.002	0.008	0	---	---	---	25
26	---	---	---	0.387	0.088	0	0	0.008	0.001	---	---	---	26
27	---	---	---	0.318	0.072	0	0	0.008	0.001	---	---	---	27
28	---	---	0.818	0.278	0.068	0	0	0.008	0.001	---	---	---	28
29	---		---	0.441	0.088	0.004	0	0.036	0	---	---	---	29
30	---		---	0.312	0.036	0.029	0	0.050	0	---	---	---	30
31	---		---		0.024		0	0.127		---	---	---	31
TOTAL	---	---	---	38.074	2.233	0.189	5.813	0.383	0.817	---	---	---	TOTAL
MEAN	---	---	---	0.989	0.072	0.008	0.181	0.012	0.027	---	---	---	MEAN
MAX	---	---	---	2.48	0.187	0.048	1.03	0.127	0.281	---	---	---	MAX
MIN	---	---	---	0.312	0.018	0	0	0	0	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON JUN 13

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 48 38 N
LONG 134 06 33 W
DRAINAGE AREA, 71.7 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	485
FEB	---	AUG	33.1
MAR	---	SEP	70.8
APR	2 810	OCT	---
MAY	182	NOV	---
JUN	13.7	DEC	---

BLAEBERRY RIVER ABOVE WILLOWBANK CREEK - STATION NO. 08NB012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.798	1.668	1.568	2.11	17.1	36.8	43.2	44.1	22.1	8.27	5.07	4.80	1
2	2.668	1.668	1.388	2.01	16.0	46.2	36.0	51.8	22.0	7.76	5.00	4.47	2
3	2.668	1.638	1.388	2.00	16.0	44.6	33.4	43.1	23.2	7.38	4.88	4.41	3
4	2.838	1.818	1.668	2.00	17.6	51.6	33.4	40.4	20.2	7.17	5.18	4.56	4
5	3.048	1.709	1.728	2.12	20.0	58.2	33.6	38.4	21.3	7.33	5.08	4.44	5
6	2.738	2.038	2.008	2.14	27.0	68.6	33.3	38.1	18.7	8.43	5.00	4.41	6
7	2.608	2.218	2.108	2.20	36.4	66.6	37.3	39.6	18.1	8.80	5.00	4.33	7
8	2.188	2.338	2.108	2.24	38.2	67.0	43.6	40.1	17.0	8.41	4.88	4.30	8
9	2.078	2.608	2.078	2.26	40.3	67.8	38.7	39.4	18.1	8.18	5.68	4.18	9
10	2.108	2.148	2.088	2.42	41.2	60.3	37.7	37.8	14.2	10.4	10.0	3.88	10
11	2.068	2.008	2.068	2.74	37.1	58.6	40.8	38.7	13.8	10.2	11.6	3.808	11
12	2.238	1.838	2.048	3.14	30.7	64.8	41.6	38.2	13.8	9.43	9.28	3.888	12
13	2.738	1.878	2.008	3.67	26.2	68.6	46.6	38.8	14.4	7.88	7.87	3.888	13
14	2.888	1.888	1.88	4.37	24.6	61.0A	49.6	37.7	15.8	7.32	7.87	3.838	14
15	2.718	2.008	1.87	5.88	24.6	67.8E	55.1	35.4	16.1	8.82	8.78	3.848	15
16	2.708	2.008	1.838	7.74	24.6	78.2	58.4	31.6	14.6	8.31	8.48	3.73	16
17	2.628	1.988	1.888	8.91	26.0	68.7	60.3	28.2	11.8	8.78	8.36	3.778	17
18	2.618	1.888	1.858	9.73	24.6	67.6	67.9	28.6	10.1	8.87	8.12	3.418	18
19	2.888	2.028	1.808	7.23	21.7	68.6	67.2	30.2	9.84	8.86	8.18	3.068	19
20	2.488	2.118	1.86	7.20	18.7	60.4	62.8	30.2	9.26	8.86	8.12	2.778	20
21	2.388	2.118	1.86	8.22	18.7	34.2	58.6	34.2	8.18	8.80	8.03	2.888	21
22	2.308	2.168	1.84	8.78	18.6	33.0	48.4	38.2	8.88	8.47	8.01	2.488	22
23	1.978	2.118	1.88	8.88	18.4	36.1	36.7	32.6	10.8	8.21	8.07	2.888	23
24	1.718	2.088	1.88	8.42	17.8	38.1	38.4	29.6	11.8	8.28	8.30	2.008	24
25	1.638	2.068	1.86	8.86	18.4	37.6	37.7	27.4	11.8	8.38	8.33	3.488	25
26	1.788	2.068	2.07	8.16	18.7	40.0	37.6	28.0	12.1	8.14	4.87	3.788	26
27	2.088	2.088	2.13	8.82	18.2	44.3	41.7	22.8	12.2	8.07	4.87	3.788	27
28	2.238	1.988	2.23	8.37	18.7	38.8	44.8	26.3	11.7	8.64	4.88	3.87	28
29	2.358		2.18	10.7	18.6	31.8	42.2	31.0	11.8	8.80	4.84	3.81	29
30	2.788		2.15	13.3	20.3	38.4	43.3	28.6	11.8	8.37	4.71	3.48	30
31	2.788		2.23		27.0		44.0	27.4		8.33		3.38	31
TOTAL	76.38	56.36	80.20	176.83	726.6	1 554.1	1 328.5	1 087.4	433.05	210.00	180.78	118.05	TOTAL
MEAN	2.43	2.01	1.94	5.86	23.4	51.8	42.8	34.4	14.4	8.77	8.03	3.71	MEAN
MAX	3.04	2.60	2.23	13.3	41.2	67.8	68.4	51.8	23.2	10.4	11.8	4.80	MAX
MIN	1.63	1.59	1.26	2.00	16.0	31.8	33.4	22.8	8.18	8.33	4.71	2.48	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.4
MAXIMUM DAILY, 67.8E ON JUN 15
MINIMUM DAILY, 1.26B ON MAR 3

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 28 53 N
LONG 116 58 08 W
DRAINAGE AREA, 868 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 510	JUL	116 000
FEB	4 670	AUG	82 200
MAR	6 200	SEP	37 400
APR	15 200	OCT	18 100
MAY	62 700	NOV	15 600
JUN	134 000	DEC	9 940

TOTAL DISCHARGE, 517 000 dam³

BLAEBERRY RIVER BELOW ENRICH CREEK - STATION NO. 08NB015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.48 B	0.8808	0.8008	0.856	3.86	15.6	21.7	22.3	8.28	3.73	3.00	2.02	1
2	1.38 B	0.8228	0.7138	0.848	4.01	16.1	18.8	24.4	8.66	3.86	3.10	1.96	2
3	1.40 B	0.8828	0.7898	0.886	4.08	18.0	18.6	17.4	8.33	3.24A	3.03	1.89	3
4	1.56 B	0.8678	0.8308	0.887	3.79	20.4	18.1	18.8	8.48	3.42	3.08	2.02	4
5	1.60 B	0.9108	0.8888	0.887	4.37	22.8	18.1	18.8	8.86	3.36	2.93	1.86	5
6	1.38 B	1.13 B	0.8858	0.883	8.00	26.2	14.8	18.2	4.87	3.33	2.87	1.81	6
7	1.32 B	1.18 B	0.8058	0.888	8.80	28.1	16.2	18.7	8.24	3.18	2.81	1.76	7
8	1.18 B	1.27 B	0.8038	0.892	10.2	26.7	16.2	20.0	8.27	3.07	2.78	1.80	8
9	1.10 B	1.36 B	0.9008	0.710	10.3	27.8	13.2	18.8	8.77	2.93	2.28	1.73	9
10	1.10 B	1.12 B	0.8858	0.783	11.8	26.7	13.6	16.9	7.86	4.61	8.13	2.09	10
11	1.10 B	1.08 B	0.8738	0.788	11.7	25.7	16.1	18.1	7.37	6.84	6.83	1.708	11
12	1.30 B	1.02 B	0.8808	0.841	10.3	28.8	17.3	18.2	8.88	6.87	4.77	1.888	12
13	1.48 B	1.08 B	0.7888	0.887	9.41	30.4	17.8	20.4	8.87	6.08	3.44	1.828	13
14	1.80 B	1.08 B	0.782	1.04	8.38	34.3	18.6	18.7	8.11	4.72	3.788	1.838	14
15	1.48 B	1.08 B	0.7438	1.48	11.7	28.8	26.8E	15.9	8.08	4.38	3.808	1.888	15
16	1.48 B	1.08 B	0.7288	1.36	11.1	19.6	26.8E	13.4	8.31	3.87	3.488	1.888	16
17	1.80 B	1.08 B	0.7138	1.22	13.2	26.6	23.8E	13.3	8.82	3.86	3.208	1.888	17
18	1.48 B	1.08 B	0.7088	1.27	11.2	26.4	21.8E	13.0	8.08	3.73	3.008	1.548	18
19	1.41 B	1.08 B	0.7088	1.38	8.08	26.8	21.8E	14.3	8.83	3.84	2.948	1.408	19
20	1.28 B	1.12 B	0.741	1.40	8.03	24.1	23.8A	14.6	8.32	3.88	2.808	1.288	20
21	1.27 B	1.13 B	0.722	1.71	7.31	30.4	26.1E	16.8	3.10	2.88	2.688	1.208	21
22	1.18 B	1.16 B	0.703	1.84	8.81	30.3	26.7E	17.7	3.04	4.26	2.368	1.168	22
23	0.8808	1.12 B	0.888	1.78	7.40	32.2	18.0E	14.6	3.74	4.03	2.188	1.208	23
24	0.8028	1.11 B	0.887	1.88	7.43	32.7	21.0	12.6	4.20	4.28	2.248	1.208	24
25	0.8588	1.10 B	0.883	1.88	7.21	31.7	18.7	11.8	4.03	4.38	2.308	1.478	25
26	0.8408	1.08 B	0.888	1.81	7.33	33.8	16.6	10.3	4.88	4.18	2.308	1.888	26
27	1.13 B	1.08 B	0.888	1.86	7.81	33.2	22.2	8.12	4.86	4.06	2.228	1.708	27
28	1.18 B	1.04 B	0.878	1.88	7.17	18.1	22.8	13.7	4.78	3.87	2.218	1.888	28
29	1.36 B		0.870	2.43	7.87	18.7	22.2	8.23	4.88	3.30	2.188	1.888	29
30	1.48 B		0.881	2.84	8.72	21.2	22.7	8.18	4.81	3.87	2.13	1.888	30
31	1.30 B		0.884		13.3		21.3	8.03		3.13		1.888	31
TOTAL	38.800	28.801	23.708	37.747	288.15	713.8	609.4	486.33	184.32	121.78	83.78	61.40	TOTAL
MEAN	1.28	1.07	0.765	1.28	9.33	23.8	19.7	15.7	8.48	3.93	3.08	1.88	MEAN
MAX	1.80	1.36	0.888	2.84	13.2	34.3	26.8	24.4	8.86	6.84	6.13	2.08	MAX
MIN	0.884	0.832	0.884	0.848	3.88	18.8	13.2	8.03	3.08	2.83	2.13	1.18	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.20
MAXIMUM DAILY, 34.3 ON JUN 14
MINIMUM DAILY, 0.848 ON APR 3
MAXIMUM INSTANTANEOUS,
44.8 AT 21:48 MST ON JUN 14

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 38 17 N
LONG 116 44 33 W
DRAINAGE AREA, 330 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 480	JUL	93 700
FEB	2 880	AUG	41 800
MAR	2 850	SEP	14 200
APR	3 280	OCT	10 800
MAY	23 200	NOV	8 020
JUN	61 700	DEC	6 440

TOTAL DISCHARGE, 327 000 dam³

BLUE RIVER NEAR BLUE RIVER - STATION NO. 08LB036

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.070	1.700	1.380	1.780	26.7	48.6	27.3	8.61	7.17	2.61	3.97	3.780	1
2	2.020	1.630	1.360	1.680	38.4	61.0	25.0	10.7	6.74	2.61	3.66	3.630	2
3	1.880	1.600	1.360	2.000	30.1	46.8	24.6	11.1	6.26	2.50	4.10	3.640	3
4	1.970	1.580	1.350	2.230	26.5	51.1	30.2	9.47	6.34	2.41	4.26	4.000	4
5	1.830	1.580	1.340	2.41	35.8	64.8	25.7	8.38	6.24	2.46	4.23	3.940	5
6	1.880	1.540	1.340	2.46	46.1	64.8	21.8	7.69	5.82	2.55	4.17	3.600	6
7	1.870	1.520	1.340	2.46	50.8	47.0	20.8	8.05	5.38	2.41	3.88	3.660	7
8	1.840	1.510	1.330	2.61	48.4	44.4	22.4	7.45	5.22	2.31	4.38	3.600	8
9	1.780	1.500	1.320	2.80	51.8	52.7	21.0	7.05	4.81	2.23	9.10	3.660	9
10	1.760	1.500	1.310	2.82	57.6	48.2	20.8	6.84A	4.68	4.07	18.3 A	3.500	10
11	1.740	1.500	1.320	3.00	53.6	48.6	21.2	6.48E	4.40	4.01	12.9	3.360	11
12	1.710	1.490	1.320	3.41	37.1	48.6	19.8	6.00E	4.38	4.46	8.59	3.060	12
13	1.720	1.480	1.340	4.10	28.3	45.8	20.6	10.0 E	4.26	4.07	6.10	3.120	13
14	1.730	1.490	1.380	5.04	27.3	57.3	20.8	13.0 E	4.19	3.84	7.12	3.180	14
15	1.730	1.510	1.380	7.13	37.8	64.1	24.4	18.0 E	4.02	3.85	6.87	3.170	15
16	1.700	1.520	1.400	7.71	33.4	62.3	22.7	14.8 E	4.28	3.11	6.13	3.100	16
17	1.660	1.520	1.410	7.39	36.1	52.8	18.1	8.53A	4.84	3.04	5.88	3.020	17
18	1.660	1.510	1.420	7.40	39.3	36.4	16.3	6.82	3.87	3.16	5.64	2.880	18
19	1.630	1.490	1.420	8.37	38.2	35.5	15.2	6.48	3.77	3.30	5.72	2.840	19
20	1.610	1.460	1.420	10.3	33.2	34.0	15.0	6.46	3.94	3.39	5.40A	2.690	20
21	1.630	1.470	1.410	12.0 E	20.0	33.6	14.4	33.3	3.71	4.38	4.70A	2.630	21
22	1.630	1.470	1.400	13.4 E	16.4	26.5	13.0	27.8	3.80	5.06	4.08A	2.650	22
23	1.630	1.480	1.380	14.2 E	16.8	26.1	10.9	20.1	3.82	5.16	4.66A	2.660	23
24	1.630	1.480	1.370	13.0 E	21.2	26.3	10.3	14.7	3.46	5.84	4.65A	2.620	24
25	1.640	1.460	1.370	12.8 E	21.6	26.8	9.85	12.1	3.31	5.83	4.65A	2.600	25
26	1.660	1.430	1.380	12.9 E	24.8	28.1	9.22	10.4	3.32	5.05	4.48A	2.780	26
27	1.660	1.420	1.430	13.5 A	26.8	28.1	11.6	8.24	3.26	5.61	4.80A	2.780	27
28	1.670	1.410	1.480	15.4	27.9	21.0	11.7	8.38	3.16	5.04	3.98A	2.740	28
29	1.730		1.670	20.8	26.8	17.7	10.1	8.00	3.08	4.71	3.68A	2.730	29
30	1.660		1.640	25.3	33.4	22.1	9.45	7.38	3.32	4.53	3.62A	2.720	30
31	1.780		1.700		43.4		8.95	7.33		4.16		2.710	31
TOTAL	54.80	42.20	43.40	240.83	1 029.0	1 178.0	558.07	338.07	133.71	120.87	177.84	98.61	TOTAL
MEAN	1.76	1.51	1.40	8.03	33.2	39.3	17.9	10.9	4.46	3.90	5.93	3.18	MEAN
MAX	2.07	1.70	1.70	25.3	57.8	57.3	30.2	27.8	7.17	5.84	18.3	4.00	MAX
MIN	1.61	1.41	1.31	1.78	16.4	17.7	8.95	6.46	3.08	3.23	3.62	2.71	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.0
MAXIMUM DAILY, 57.3 ON JUN 14
MINIMUM DAILY, 1.310 ON MAR 10
MAXIMUM INSTANTANEOUS,
74.0 AT 13:03 PST ON JUN 14

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT. 62 07 00 N
LONG 119 18 05 W
DRAINAGE AREA, 380 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 710	JUL	68 000
FEB	3 880	AUG	39 300
MAR	3 780	SEP	11 800
APR	20 800	OCT	10 400
MAY	88 900	NOV	15 400
JUN	102 000	DEC	8 840

TOTAL DISCHARGE, 347 000 dam³

BLUE RIVER NEAR THE MOUTH - STATION NO. 10AC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.80B	5.00B	4.40B	4.10B	11.8B	80.0	36.7	22.8	13.8	16.4	8.00B	8.00B	1
2	7.70B	4.90B	4.40B	4.18B	18.0B	84.3	37.7	21.8	13.2	15.4	8.20B	7.80B	2
3	7.50B	4.68B	4.38B	4.20B	19.0B	89.7	39.7	20.8	11.8	15.2	8.60B	7.70B	3
4	7.35B	4.80B	4.38B	4.10B	23.0B	78.3	37.3	20.0	12.8	22.1	8.60B	7.60B	4
5	7.00B	4.80B	4.37B	4.05B	28.0A	105	33.3	19.0	13.1	21.2	8.60B	7.80B	5
6	6.80B	4.60B	4.38B	4.10B	32.0	78.8	34.0	20.1	12.5	19.2	8.40B	7.45B	6
7	6.80B	4.60B	4.38B	4.20B	34.9	87.8	36.3	23.9	12.4	18.7	8.20B	7.40B	7
8	6.55B	4.85B	4.33B	4.23B	40.1	85.7	33.8	21.6	12.2	18.2	8.00B	7.38B	8
9	6.50B	4.80B	4.18B	4.28B	36.2	87.6	35.1	21.8	11.8	18.2	8.80B	7.10B	9
10	6.80B	4.88B	4.10B	4.30B	36.9	80.8	36.2	20.1	11.7	18.7	8.80B	7.05B	10
11	6.80B	5.00B	4.00B	4.35B	32.6	81.1	34.0	19.6	11.6	19.3	8.70B	6.98B	11
12	6.50B	5.05B	4.10B	4.40B	28.3	82.7	33.1	19.1	11.2	17.6	8.78B	7.10B	12
13	6.40B	4.85B	4.30B	4.37B	26.0	87.2	34.2	18.8	11.2	16.6	8.60B	7.30B	13
14	6.30B	4.80B	4.20B	4.34B	24.7	88.2	38.1	18.5	11.2	15.6	8.65B	7.30B	14
15	6.20B	4.80B	4.25B	4.30B	25.5	84.1	35.3	18.9	11.2	14.3	8.80B	7.30B	15
16	6.10B	4.70B	4.30B	4.28B	28.3	49.2	30.5	19.1	11.2	12.5 B	9.00B	7.25B	16
17	6.00B	4.85B	4.28B	4.40B	26.3	41.7	27.7	18.7	11.3	14.2 B	9.00B	7.20B	17
18	6.00B	4.80B	4.30B	4.50B	28.8	36.1	26.0	17.6	11.4	13.3 B	9.00B	7.10B	18
19	5.85B	4.80B	4.25B	4.45B	28.8	37.9	26.4	16.7	11.3	12.8 B	9.00B	7.00B	19
20	5.80B	4.80B	4.28B	4.40B	28.5	39.0	25.7	15.8	11.4	13.6 B	8.80B	6.78B	20
21	5.76B	4.80B	4.30B	4.80B	27.8	41.1	25.8	15.6	12.4	13.0 B	8.85B	8.30B	21
22	5.70B	4.80B	4.35B	4.80B	28.9	38.2	25.6	15.6	13.1	10.0 B	8.60B	8.50B	22
23	5.80B	4.85B	4.30B	4.70B	33.4	38.9	23.4	15.9	15.9	9.30B	8.65B	8.40B	23
24	5.90B	4.85B	4.20B	4.60B	37.0	43.8	25.0	16.7	16.4	9.80B	8.60B	8.35B	24
25	6.00B	4.80B	4.10B	5.00B	36.4	46.1	26.0	16.1	17.7	9.00B	8.70B	8.30B	25
26	6.00B	4.85B	3.90B	5.30B	42.8	47.5	24.0	15.5	16.4	8.00B	8.85B	8.25B	26
27	5.85B	4.90B	3.85B	5.60B	44.0	48.8	22.6	14.9	15.4	7.60B	8.60B	8.32B	27
28	5.60B	4.45B	4.05B	5.30B	46.4	47.4	23.2	14.4	14.7	7.60B	8.60B	8.30B	28
29	5.40B		4.15B	7.60B	51.9	40.8	23.6	14.0	15.6	7.60B	8.40B	8.20B	29
30	5.30B		4.20B	9.20B	72.4	43.0	22.7	13.5	17.7	7.60B	8.20B	8.28B	30
31	5.20B		4.15B		81.4		22.0	13.3		7.40B		8.30B	31
TOTAL	193.84	133.10	130.85	142.85	1 087.3	1 881.2	950.7	563.9	394.5	426.20	257.05	215.85	TOTAL
MEAN	6.32	4.75	4.22	4.76	36.1	88.4	30.7	18.2	13.2	13.8	8.60	8.95	MEAN
MAX	7.80	5.05	4.40	9.20	81.4	105	39.7	23.9	16.4	22.1	9.80	8.80	MAX
MIN	5.20	4.45	3.90	4.05	11.8	37.9	22.0	13.3	11.2	7.30	8.00	6.30	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.8
MAXIMUM DAILY, 105 ON JUN 5
MINIMUM DAILY, 3.90B ON MAR 28
MAXIMUM INSTANTANEOUS,
114 AT 15:55 PST ON JUN 5

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT. 59 46 30 N
LONG 128 07 40 W
DRAINAGE AREA, 1 700 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	19 700	JUL	63 100
FEB	11 900	AUG	46 700
MAR	11 300	SEP	34 100
APR	12 300	OCT	37 000
MAY	91 400	NOV	33 100
JUN	148 000	DEC	18 800

TOTAL DISCHARGE, 633 000 dam³

BLUEBERRY RIVER BELOW AITKEN CREEK - STATION NO. 07FC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1020	0.0880	0.0200	0.2850	40.8	10.4	1.26	0.742	0.448	1.80	0.3670	0.3330	1
2	0.1100	0.0830	0.0190	0.4000	40.5	7.89	1.13	0.670	0.396	2.18	0.3770	0.2280	2
3	0.1080	0.0820	0.0210	0.5100	31.7	6.41	2.20	0.672	0.311	1.88	0.3620	0.2210	3
4	0.0820	0.0820	0.0250	0.6400	24.6	5.18	3.23	0.868	0.272	1.44	0.3470	0.2180	4
5	0.0800	0.0530	0.0300	0.5100	19.4	4.35	4.81	0.676	0.260	1.28	0.3360	0.2120	5
6	0.0730	0.0640	0.0300	0.8400	15.4	4.67	4.08	0.368	0.281	1.18	0.3270	0.2060	6
7	0.0720	0.0580	0.0280	1.30	12.8	4.88	3.19	0.280	0.264	1.08	0.3100	0.2000	7
8	0.0720	0.0580	0.0260	1.80	10.7	4.82	3.80	0.300	0.198	0.888	0.2870	0.1900	8
9	0.0780	0.0800	0.0230	1.85	8.88	5.08	4.08	0.304	0.184	0.828	0.2800	0.1820	9
10	0.0900	0.0600	0.0300	2.40	7.78	5.49	3.43	0.308	0.187	0.780	0.2880	0.1800	10
11	0.1100	0.0880	0.0180	3.00	7.46	5.05	2.80	0.283	0.207	0.707	0.2580	0.1800	11
12	0.1200	0.0800	0.0210	3.70	7.33	4.04	2.22	0.321	0.188	0.711	0.2480	0.2000	12
13	0.1180	0.0430	0.0240	4.50	8.84	3.18	1.88	0.244	0.183	0.677	0.2420	0.2060	13
14	0.1070	0.0380	0.0310	8.00	8.87	2.87	1.38	0.388	0.193	0.844	0.2408	0.2080	14
15	0.1000	0.0380	0.0300	7.30	4.98	2.42	1.38	0.472	0.188	0.888	0.2440	0.2000	15
16	0.0880	0.0280	0.0280	8.50	4.41	2.88	1.13	0.388	0.183	0.872	0.2880	0.1880	16
17	0.0880	0.0230	0.0280	11.4	4.04	3.10	0.883	0.280	0.178	0.838	0.2820	0.1780	17
18	0.1000	0.0200	0.0260	13.0	3.95	2.82	0.841	0.276	0.188	0.862	0.2680	0.1800	18
19	0.1080	0.0220	0.0300	15.0	3.83	2.36	0.880	0.262	0.184	0.808	0.2708	0.1808	19
20	0.1030	0.0240	0.0380	17.0	3.43	1.88	0.788	0.288	0.178	0.831	0.2688	0.1408	20
21	0.0880	0.0300	0.0430	33.0	4.81	1.78	1.08	0.383	0.183	0.803	0.2808	0.1428	21
22	0.0808	0.0388	0.0508	37.0	5.33	1.88	1.32	0.785	0.188	0.4708	0.2528	0.1488	22
23	0.0858	0.0408	0.0588	36.5	18.0	1.42	1.10	2.38	0.188	0.4888	0.2408	0.1808	23
24	0.0908	0.0318	0.0558	38.0	18.3	1.42	1.03	2.88	0.180	0.4808	0.2328	0.1888	24
25	0.1188	0.0288	0.0638	39.0	17.3	1.48	1.00	1.88	0.178	0.4888	0.2288	0.1848	25
26	0.1338	0.0288	0.0568	36.0	16.7	1.48	0.828	1.38	0.152	0.4788	0.2308	0.1808	26
27	0.1308	0.0228	0.0788	36.0	36.7	1.44	0.808	1.11	0.148	0.4818	0.2348	0.1808	27
28	0.1108	0.0208	0.0838	30.5	30.5	1.38	0.873	0.933	0.181	0.4308	0.2378	0.1488	28
29	0.0888		0.1108	33.5	19.8	1.36	0.883	0.747	0.347	0.4188	0.2388	0.1388	29
30	0.0708		0.1808	36.5	14.4	1.32	0.848	0.802	0.717	0.4088	0.2408	0.1328	30
31	0.0588		0.2158		12.4		0.782	0.818		0.3888		0.1288	31
TOTAL	3.895	1.112	1.480	383.735	482.11	103.97	88.835	31.188	7.077	23.881	8.227	8.807	TOTAL
MEAN	0.087	0.040	0.048	13.1	14.8	3.47	1.78	0.883	0.238	0.784	0.274	0.178	MEAN
MAX	0.133	0.080	0.215	36.5	40.5	10.4	4.81	2.88	0.717	2.18	0.387	0.333	MAX
MIN	0.058	0.020	0.018	0.285	3.43	1.32	0.788	0.280	0.148	0.388	0.238	0.128	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.88
MAXIMUM DAILY, 40.8 ON MAY 1
MINIMUM DAILY, 0.0180 ON MAR 2
MAXIMUM INSTANTANEOUS,
48.0 AT 23:23 PST ON MAY 1

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 40 35 N
LONG 121 13 15 W
DRAINAGE AREA, 1 780 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	389	JUL	4 810
FEB	88.1	AUG	1 830
MAR	134	SEP	811
APR	34 000	OCT	2 380
MAY	38 800	NOV	711
JUN	8 880	DEC	476

TOTAL DISCHARGE, 93 800 dam³

BONAPARTE RIVER ABOVE LOON CREEK - STATION NO. 08LF058

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.5008	0.5808	0.5088	1.408	4.02	8.80	4.40	3.80	5.07	2.83	1.12	2.248	1
2	0.4858	0.3808	0.7808	1.348	4.18	8.82	4.33	3.37	5.47	2.61	1.08	2.328	2
3	0.4808	0.4208	0.8508	1.288	4.34	8.08	4.22	3.87	5.37	2.38	1.18	2.38	3
4	0.5008	0.4408	0.7408	1.278	4.42	7.74	4.18	3.71	5.40	2.28	1.24	2.47	4
5	0.5088	0.5108	0.8808	1.308	4.81	7.43	3.85	4.10	5.38	2.18	1.30	2.41	5
6	0.4808	0.5508	0.9708	1.328	4.88	7.08	3.83	4.31	5.31	2.10	1.30	2.32	6
7	0.4508	0.5908	1.05 B	1.348	4.66	8.76	3.73	4.36	5.11	3.02	1.38	2.23	7
8	0.4408	0.6108	1.04 B	1.528	4.66	8.82	3.62	4.28	4.86	1.83	1.41	2.28	8
9	0.4408	0.6348	1.20 B	1.508	4.84	8.81	3.88	4.18	4.70	1.81	1.48	2.25	9
10	0.4808	0.6808	1.17 B	1.82	4.80	8.32	3.88	3.88	4.88	1.80	1.48	2.108	10
11	0.5208	0.6708	1.18 B	1.88	4.82	8.18	3.84	3.88	4.44	1.78	1.88	1.918	11
12	0.5708	0.7208	1.20 B	1.82	5.30	8.87	4.38	3.78	4.37	1.70	1.83	1.818	12
13	0.6808	0.7808	1.23 B	1.87	5.88	8.71	4.40	3.82	4.24	1.88	1.71	1.688	13
14	0.7808	0.7808	1.21 B	1.74	5.84	8.54	4.21	3.87	4.08	1.83	1.88	2.078	14
15	0.7008	0.7808	1.17 B	1.82	5.30	8.42	4.31	3.84	4.08	1.87	1.84	2.158	15
16	0.6408	0.7408	1.18 B	2.08	5.48	8.33	4.18	4.37	4.02	1.84	3.12	3.408	16
17	0.7608	0.7108	1.14 B	2.38	5.87	8.24	4.18	4.38	4.00	1.84	2.31	2.208	17
18	0.8208	0.7408	1.12 B	2.81	7.25	8.04	4.10	4.33	3.88	1.83	2.24	2.038	18
19	0.7808	0.7808	1.18 B	2.73	7.81	4.88	4.00	4.84	3.81	1.48	2.12	2.088	19
20	0.7808	0.8408	1.20 B	2.78	8.18	4.82	3.88	4.88	3.72	1.48	2.12	2.088	20
21	0.8008	0.8808	1.24 B	2.82	8.80	4.78	3.78	4.78	3.82	1.38	2.08	2.038	21
22	0.7408	0.8008	1.32 B	3.22	8.78	4.77	3.72	5.00	3.83	1.32	1.838	2.078	22
23	0.8508	0.8208	1.28 B	3.83	8.86	4.87	3.80	5.14	3.64	1.30	1.818	2.148	23
24	0.8808	0.8808	1.35 B	3.68	9.13	4.62	3.46	5.30	3.38	1.38	1.858	2.208	24
25	0.8208	0.8508	1.30 B	3.71	8.34	4.31	3.28	5.22	3.26	1.40	2.008	2.288	25
26	0.8708	0.8508	1.34 B	3.88	8.38	4.38	3.18	5.24	3.18	1.38	1.878	2.348	26
27	0.7108	0.8408	1.38 B	3.76	8.87	4.38	3.18	5.28	3.08	1.38	1.888	2.408	27
28	0.7408	0.8808	1.38 B	3.72	10.0	4.37	3.02	5.06	3.00	1.31	2.008	2.428	28
29	0.7808		1.43 B	3.88	9.82	4.41	2.88	4.98	2.98	1.31	2.108	2.488	29
30	1.30 B		1.41 B	3.81	9.54	4.48	2.78	4.88	2.77	1.28	2.338	2.488	30
31	1.00 B		1.40 B		9.38		2.80	4.88		1.18		2.488	31
TOTAL	20.341	19.834	38.888	70.84	211.83	173.00	118.82	138.81	123.84	51.88	53.48	68.87	TOTAL
MEAN	0.858	0.708	1.18	2.28	6.83	5.77	3.77	4.37	4.13	1.87	1.78	2.22	MEAN
MAX	1.30	0.820	1.43	3.81	10.0	8.80	4.40	5.38	5.47	2.83	2.24	2.48	MAX
MIN	0.440	0.380	0.850	1.27	4.02	4.31	2.78	2.80	2.77	1.18	1.08	1.81	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.88
MAXIMUM DAILY, 10.0 ON MAY 26
MINIMUM DAILY, 0.3808 ON FEB 3
MAXIMUM INSTANTANEOUS,
10.1 AT 04:53 PST ON MAY 26

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 02 09 N
LONG 121 26 39 W
DRAINAGE AREA, 3 520 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 780	JUL	10 100
FEB	1 710	AUG	11 700
MAR	3 100	SEP	10 700
APR	8 120	OCT	4 480
MAY	18 350	NOV	4 830
JUN	14 900	DEC	5 980

TOTAL DISCHARGE, 93 400 dam³

BONAPARTE RIVER BELOW CACHE CREEK - STATION NO. 08LP002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.8400	1.06 B	0.8000	1.85	4.78	11.6	4.78	3.02	5.76	3.38	2.06	2.35	1
2	0.7000	0.8000	0.8400	1.78	5.04	11.7	4.66	3.24	6.06	3.36	2.02	2.42	2
3	0.8300	0.8800	0.8800	1.75	5.44	11.5	4.42	3.86	6.07	3.18	2.06	2.76	3
4	0.8200	0.7700	1.16 B	1.83	5.52	11.0	4.16	3.86	5.87	3.06	2.20	2.83	4
5	0.8000	0.8800	1.40 B	1.86	5.70	10.4	4.27	3.83	6.03	3.04	2.38	2.94	5
6	0.7800	0.9100	1.64 B	1.83	5.08	10.1	4.31	4.04	6.13	2.84	2.26	3.02	6
7	0.7200	0.9800	1.80 B	2.16	5.33	9.28	4.06	4.01	5.80	2.88	2.26	2.88	7
8	0.7000	1.00 B	1.76 B	2.24	5.50	9.20	3.88	4.04	5.71	2.80	2.33	2.84	8
9	0.7400	1.04 B	1.96 B	2.16	5.46	8.88	3.91	4.02	5.85	2.60	2.31	2.87	9
10	0.7900	1.07 B	1.86 B	2.10	5.38	8.86	3.81	3.88	5.36	2.80	2.39	2.84	10
11	0.8700	1.08 B	1.88 B	2.16	5.24	8.68	3.85	3.88	5.36	2.86	2.30	2.10	11
12	1.00 B	1.16 B	2.02 B	2.36	5.46	8.64	4.27	3.81	5.12	2.76	2.37	2.84	12
13	1.18 B	1.27 B	2.00 B	2.47	5.78	8.02	4.31	3.84	5.23	2.87	2.40	2.86	13
14	1.26 B	1.26 B	1.98 B	2.53	6.88	7.37	4.86	3.48	4.88	2.84	2.41	2.85	14
15	1.02 B	1.26 B	1.94 B	2.81	7.26	6.87	4.23	3.80	4.73	2.81	2.07	2.78	15
16	1.10 B	1.21 B	1.80 B	2.82	7.61	6.88	4.00	4.27	4.44	2.43	2.07	2.83	16
17	1.32 B	1.18 B	1.83 B	2.87	7.88	6.71	4.20	4.42	4.70	2.47	2.26	3.06	17
18	1.38 B	1.19 B	1.87	2.86	8.03	6.73	4.18	4.48	4.62	2.48	2.40	3.42	18
19	1.30 B	1.30 B	1.76	3.30	8.42	6.31	4.11	4.62	4.36	2.43	2.87	3.41	19
20	1.23 B	1.36 B	1.76	3.26	8.72	6.03	4.06	4.89	4.33	2.33	2.81	3.31	20
21	1.30 B	1.40 B	1.87	3.40	8.18	5.88	3.78	4.98	4.17	2.30	2.80	3.308	21
22	1.16 B	1.61 B	1.73	3.62	8.31	5.86	3.71	5.11	4.08	2.26	2.80	3.298	22
23	0.8100	1.48 B	1.73	3.86	8.42	6.83	3.83	5.41	4.04	2.24	2.83	3.328	23
24	0.8700	1.44 B	1.81	4.00	8.78	6.88	3.84	5.51	4.00	2.80	2.26	3.438	24
25	1.07 B	1.33 B	1.90	4.12	8.86	6.32	3.47	5.63	3.83	2.84	2.41	3.808	25
26	1.12 B	1.25 B	1.86	3.96	8.87	6.12	3.42	5.87	3.80	2.84	2.18	3.808	26
27	1.17 B	1.27 B	1.86	4.11	10.2	6.38	3.30	5.78	3.80	2.41	2.08	3.038	27
28	1.18 B	1.04 B	2.00	4.26	10.8	6.18	3.28	5.80	3.76	2.26	2.26	3.308	28
29	1.30 B		1.96	4.22	11.0	6.06	3.17	5.44	3.83	2.18	2.47	3.488	29
30	1.40 B		1.87	4.34	11.4	6.01	3.16	5.26	3.68	2.14	2.37	3.488	30
31	2.00 B		1.87		11.1		3.86	5.46		2.11		3.808	31
TOTAL	32.770	31.880	53.836	88.64	243.88	238.33	132.03	137.88	144.88	81.37	88.08	84.80	TOTAL
MEAN	1.08	1.14	1.74	2.88	7.87	7.81	3.84	4.45	4.83	2.82	2.30	2.74	MEAN
MAX	2.00	1.81	2.02	4.34	11.4	11.7	4.88	5.78	6.13	3.38	2.81	3.80	MAX
MIN	0.840	0.800	0.808	1.78	4.78	6.01	2.86	3.02	3.88	2.11	2.02	2.04	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.61
MAXIMUM DAILY, 11.7 ON JUN 2
MINIMUM DAILY, 0.8008 ON FEB 2
MAXIMUM INSTANTANEOUS,
12.0 AT 13:38 PST ON MAY 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 48 20 N
LONG 121 10 39 W
DRAINAGE AREA, 5 020 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 830	JUL	10 800
FEB	2 760	AUG	11 800
MAR	4 650	SEP	12 500
APR	7 480	OCT	7 030
MAY	21 100	NOV	8 870
JUN	19 700	DEC	7 340

TOTAL DISCHARGE, 114 000 dam³

BONAPARTE RIVER NEAR BRIDGE LAKE - STATION NO. 08LP063

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.8500	0.4000	0.7000	0.8500	4.18A	5.88A	3.74A	2.88A	4.88	1.66	0.481	1.318	1
2	0.7000	0.3200	0.8500	0.8700	4.40A	5.47A	3.70A	3.18A	4.87	1.35	0.486	1.408	2
3	0.7200	0.3100	0.7000	0.8700	4.41A	5.58A	3.84A	4.09A	4.85	1.27	0.851	1.468	3
4	0.7200	0.3300	0.7000	0.8550	4.38A	5.16A	3.40A	8.07A	4.66	1.24	0.783	1.488	4
5	0.7000	0.3700	0.7200	0.7000	4.80A	5.88A	3.36A	5.98A	4.30	1.08	1.12	1.448	5
6	0.8000	0.4200	0.7400	0.8000	4.78A	5.73A	3.35A	5.03A	4.21	0.888	1.07	1.439	6
7	0.8000	0.4500	0.7800	0.8000E	5.48A	5.84A	3.31A	4.30A	4.04	0.878	0.881	1.438	7
8	0.4200	0.5000	0.8000	1.00 E	5.82A	5.89A	3.26A	4.04A	3.82	0.772	0.822	1.438	8
9	0.4000	0.5200	0.8200	0.8500A	6.17A	5.83A	3.28A	3.82A	3.86	0.736	0.840	1.438	9
10	0.4200	0.5800	0.8200	0.8920A	5.30A	5.48A	3.36A	3.74A	3.70	0.770	1.28	1.488	10
11	0.4400	0.8100	0.8200	1.08 A	8.77A	5.38A	3.43A	3.64A	3.82	0.786	1.42	1.708	11
12	0.4700	0.8500	0.8400	1.11 A	7.43A	5.21A	3.47A	3.62A	3.86	0.884	1.33	1.808	12
13	0.5000	0.8700	0.8500	1.20 A	7.87A	5.14A	3.60A	3.48A	3.47	0.894	1.18	1.808	13
14	0.5000	0.8728	0.8500	1.33 A	7.76A	4.72A	3.74A	3.44A	3.38	0.880	1.12 B	1.488	14
15	0.5500	0.8500	0.8500	1.39 A	7.41A	4.37A	3.88A	3.40A	3.28	0.821	1.08 B	1.488	15
16	0.5500	0.8400	0.8400	1.35 A	8.03A	4.32A	3.84A	4.16	3.17	0.791	1.08	1.488	16
17	0.5900	0.8300	0.8300	1.34 A	8.48A	4.26A	3.86A	4.78	3.11	0.780	1.06	1.508	17
18	0.6000	0.8500	0.8200	1.41 A	8.87A	4.18A	3.87A	4.70	3.07	0.718	1.14	1.478	18
19	0.5900	0.8700	0.8200	1.62 A	10.4 A	4.18A	3.83A	4.88	2.98	0.862	1.28	1.318	19
20	0.6800	0.7000	0.8200	1.74 A	10.1 A	4.08A	3.40A	4.61	2.85	0.802	1.26 B	1.288	20
21	0.6800	0.7200	0.8300	1.88 A	9.88A	4.14A	3.38A	4.88	2.87	0.676	1.23 B	1.288	21
22	0.6400	0.7300	0.8400	1.85 A	9.47A	4.14A	3.38A	4.78	2.76	0.653	1.20 B	1.328	22
23	0.6358	0.7400	0.8500	2.06 A	9.22A	3.93A	3.28A	4.84	2.63	0.638	1.22 B	1.448	23
24	0.6400	0.7300	0.8500	2.19 A	9.40A	3.87A	3.18A	4.75	2.48	0.638	1.28 B	1.558	24
25	0.6458	0.7200	0.8400	2.41 A	9.32A	3.83A	3.05A	4.88	2.36	0.635	1.30 B	1.848	25
26	0.6800	0.7100	0.8300	2.74 A	9.18A	3.87A	3.01A	4.48	2.22	0.685	1.30 B	1.718	26
27	0.6000	0.7200	0.8200	3.07 A	8.88A	4.13A	2.88A	4.48	2.11	0.6008	1.29 B	1.788	27
28	0.6800	0.7200	0.8000	3.17 A	8.58A	4.27A	2.88A	4.28	1.97	0.6408	1.29 B	1.858	28
29	0.7100		0.7400	3.44 A	8.23A	4.08A	2.83A	4.21	1.83	0.5208	1.30 B	1.888	29
30	0.8008		0.7200	3.82 A	8.84A	3.94A	2.80A	4.14	1.88	0.5008	1.30 B	1.938	30
31	0.8008		0.7000		8.77A		2.83A	4.27		0.4808		1.948	31
TOTAL	17.878	16.832	24.830	46.227	231.18	145.42	104.87	133.87	88.38	24.208	33.104	47.41	TOTAL
MEAN	0.570	0.580	0.795	1.81	7.48	4.85	3.37	4.31	3.28	0.781	1.10	1.53	MEAN
MAX	0.738	0.740	0.880	3.82	10.4	5.88	3.88	8.07	4.88	1.44	1.42	1.84	MAX
MIN	0.400	0.310	0.880	0.885	4.18	3.87	2.83	3.88	1.88	0.480	0.481	1.28	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.93
MAXIMUM DAILY, 10.4A ON MAY 19
MINIMUM DAILY, 0.310B ON FEB 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 20 08 N
LONG 120 47 55 W
DRAINAGE AREA, 868 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 830	JUL	8 030
FEB	1 430	AUG	11 800
MAR	2 130	SEP	8 800
APR	4 170	OCT	2 080
MAY	20 000	NOV	2 880
JUN	12 800	DEC	4 100

TOTAL DISCHARGE, 79 800 dam³

BORLAND CREEK BELOW VALLEY CREEK - STATION NO. 08MC039

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.002B	0.001B	0.002B	0.022	0.005	0.001	0.031	0.002	0.008	0.006	0.010	0.075B	1
2	0.002B	0.001B	0.002B	0.015	0.006	0.001	0.037	0.016	0.008	0.006	0.014	0.078B	2
3	0.002B	0.001B	0.002B	0.008	0.005	0	0.029	0.008	0.008	0.005	0.084	0.082B	3
4	0.002B	0.001B	0.002B	0.005	0.006	0	0.020	0.005	0.012	0.006	0.172	0.090B	4
5	0.002B	0.001B	0.003B	0.010	0.005	0	0.018	0.002	0.011	0.007	0.218	0.100B	5
6	0.002B	0.001B	0.004B	0.014	0.003	0	0.018	0.002	0.010	0.007	0.074	0.085B	6
7	0.002B	0.001B	0.006B	0.023	0.003	0	0.011	0.001	0.010	0.007	0.028	0.088B	7
8	0.002B	0.001B	0.008B	0.025	0.002	0	0.010	0.001	0.008	0.007	0.022	0.083B	8
9	0.002B	0.001B	0.008B	0.018	0.002	0.001	0.010	0.003	0.008	0.007	0.028	0.079B	9
10	0.002B	0.001B	0.008B	0.010	0.004	0	0.013	0.002	0.008	0.007	0.101	0.078B	10
11	0.002B	0.001B	0.007B	0.010	0.005	0	0.011	0.001	0.008	0.005	0.032	0.074B	11
12	0.002B	0.001B	0.007B	0.010	0.005	0	0.014	0	0.007	0.005	0.021	0.073B	12
13	0.002B	0.001B	0.008B	0.019	0.004	0	0.008	0.010	0.008	0.006	0.017	0.085B	13
14	0.002B	0.001B	0.009B	0.018	0.004	0	0.003	0.037	0.008	0.008	0.017	0.080B	14
15	0.002B	0.001B	0.015B	0.011	0.004	0.002	0.004	0.073	0.008	0.006	0.018B	0.068B	15
16	0.002B	0.001B	0.016B	0.009	0.005	0.001	0.006	0.080	0.008	0.008	0.019B	0.054B	16
17	0.002B	0.001B	0.018B	0.008	0.004	0.001	0.002	0.033	0.008	0.009	0.020B	0.053B	17
18	0.002B	0.001B	0.015B	0.006	0.005	0	0.001	0.025	0.008	0.010	0.023B	0.052B	18
19	0.002B	0.001B	0.013B	0.008	0.008	0.001	0.001	0.018	0.010	0.010	0.025B	0.051B	19
20	0.002B	0.001B	0.018B	0.008	0.078	0.001	0	0.016	0.008	0.010	0.030B	0.050B	20
21	0.002B	0.002B	0.020B	0.008	0.012	0.001	0.002	0.018	0.008	0.010	0.035B	0.052B	21
22	0.002B	0.002B	0.030B	0.008	0.004	0.001	0.002	0.025	0.007	0.010	0.040B	0.053B	22
23	0.002B	0.002B	0.038A	0.007	0.003	0.049	0.001	0.017	0.007	0.010	0.054B	0.058B	23
24	0.002B	0.003B	0.041	0.007	0.003	0.100	0	0.013	0.007	0.014	0.053B	0.082B	24
25	0.002B	0.003B	0.040B	0.007	0.004	0.037	0	0.020	0.007	0.013	0.053B	0.070B	25
26	0.002B	0.003B	0.035	0.007	0.003	0.059	0	0.018	0.008	0.013	0.055B	0.075B	26
27	0.002B	0.003B	0.030	0.007	0.003	0.053	0	0.011	0.008	0.014	0.060B	0.074B	27
28	0.002B	0.003B	0.043B	0.007	0.005	0.087	0	0.008	0.008	0.012	0.057B	0.073B	28
29	0.002B		0.049B	0.008	0.005	0.031	0	0.008	0.008	0.011	0.075B	0.072B	29
30	0.002B		0.031	0.008	0.002	0.038	0.002	0.008	0.008	0.011	0.074B	0.072B	30
31	0.002B		0.011		0.001		0.002	0.008		0.011		0.072B	31
TOTAL	0.062	0.041	0.534	0.331	0.205	0.488	0.261	0.501	0.247	0.274	1.548	2.188	TOTAL
MEAN	0.002	0.001	0.017	0.011	0.007	0.016	0.008	0.016	0.008	0.009	0.052	0.070	MEAN
MAX	0.002	0.003	0.049	0.025	0.078	0.100	0.037	0.080	0.012	0.014	0.218	0.100	MAX
MIN	0.002	0.001	0.002	0.005	0.001	0	0	0	0.008	0.005	0.010	0.050	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.016
MAXIMUM DAILY, 0.218 ON NOV 5
MINIMUM DAILY, 0 ON JUN 3
MAXIMUM INSTANTANEOUS,
0.347 AT 03:18 PST ON MAY 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 06 53 N
LONG 121 56 13 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5.36	JUL	21.7
FEB	3.54	AUG	43.3
MAR	46.1	SEP	21.3
APR	28.6	OCT	23.7
MAY	17.7	NOV	134
JUN	39.3	DEC	187

TOTAL DISCHARGE, 572 dam³

BOUGIE CREEK AT KILOMETRE 368 ALASKA HIGHWAY - STATION NO. 10CD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.042B	0 B	0.001B	0.008B	29.2	7.14	3.83	0.145	1.03	9.78	0.888B	0.280B	1
2	0.032B	0 B	0 B	0.007B	21.5	5.65	3.31	0.146	0.981	7.69	0.885B	0.272B	2
3	0.030B	0 B	0 B	0.007B	21.7	4.27	3.28	0.152	0.848	5.78	0.915B	0.287B	3
4	0.029B	0 B	0 B	0.007B	22.1	3.56	3.16	0.133	0.824	4.87	0.915B	0.290B	4
5	0.027B	0 B	0 B	0.006B	20.6	2.85	2.89	0.075	2.00	4.20	0.880B	0.282B	5
6	0.023B	0 B	0 B	0.008B	17.3	2.18	2.16	0.087	1.88	3.45	0.770B	0.227B	6
7	0.018B	0 B	0 B	0.009B	13.0	1.86	2.20	0.045	1.38	2.51	0.710B	0.200B	7
8	0.008B	0 B	0 B	0.010B	11.0	2.16	2.19	1.73	1.00	2.31	0.682B	0.180B	8
9	0 B	0.001B	0 B	0.011B	9.44	1.88	1.90	23.9	0.882	1.87	0.675B	0.112B	9
10	0 B	0.001B	0 B	0.013B	17.0	1.34	2.26	38.0	0.721	1.90	0.670B	0.080B	10
11	0 B	0.001B	0 B	0.015B	21.2	1.57	1.90	36.2	0.839	1.28	0.600B	0.081B	11
12	0.001B	0.001B	0 B	0.019B	17.7	1.90	2.02	26.9	0.883	0.743	0.573B	0.110B	12
13	0 B	0.001B	0.001B	0.028B	12.3	1.47	0.856	20.9	0.801	0.478	0.570B	0.135B	13
14	0 B	0 B	0.001B	0.080B	10.0	0.919	0.882	19.1	0.470	0.385	0.580B	0.145B	14
15	0 B	0 B	0.002B	0.120B	8.83	0.518	0.931	17.2	0.388	0.527	0.595B	0.120B	15
16	0 B	0 B	0.001B	0.225B	9.13	0.730	0.808	15.2	0.344	2.12	0.615B	0.100B	16
17	0 B	0 B	0 B	0.325B	7.81	0.551	0.824	13.1	0.370	1.69	0.630B	0.080B	17
18	0 B	0 B	0 B	0.505B	7.00	0.450	1.22	10.7	0.359	0.985	0.555B	0.067B	18
19	0 B	0.001B	0 B	0.700B	5.88	5.17	0.789	9.15	0.370	1.02	0.640B	0.028B	19
20	0 B	0.001B	0 B	1.05 B	4.44	15.1	0.499	7.38	0.418	0.898	0.530B	0.038B	20
21	0 B	0.002B	0.001B	1.89 B	9.49	11.1	0.285	6.07	0.459	0.947	0.430B	0.038B	21
22	0 B	0.002B	0.002B	2.40 B	14.1	10.2	0.241	4.89	0.588	1.73	0.370B	0.048B	22
23	0 B	0.002B	0.002B	3.40 B	23.3	9.80	0.220	4.04	0.631	1.28 A	0.305B	0.053B	23
24	0 B	0.001B	0.002B	5.00 B	25.7	8.80	0.218	4.14	0.582	1.11 B	0.268B	0.056B	24
25	0 B	0.001B	0.001B	7.20 B	20.7	7.41	0.186	3.38	0.373	0.880B	0.250B	0.060B	25
26	0.001B	0.002B	0 B	11.0 B	30.9	7.01	0.208	2.88	0.347	0.915B	0.238B	0.062B	26
27	0.001B	0.002B	0 B	16.2 B	21.3	5.88	0.185	2.52	0.311	0.920B	0.237B	0.053B	27
28	0.001B	0.002B	0 B	22.0 B	14.1	4.89	0.188	2.11	0.221	0.945B	0.239B	0.049B	28
29	0 B		0 B	26.8	11.7	4.27	0.228	1.74	0.483	0.940B	0.243B	0.052B	29
30	0 B		0.001B	30.3	10.8	4.22	0.209	1.68	8.03	0.920B	0.247B	0.082B	30
31	0 B		0.003B		8.87		0.188	1.18		0.880B		0.085B	31
TOTAL	0.212	0.021	0.018	129.113	477.40	135.058	39.303	274.683	26.071	68.514	16.790	3.880	TOTAL
MEAN	0.007	0.001	0.001	4.30	15.4	4.50	1.27	8.86	0.836	2.11	0.560	0.118	MEAN
MAX	0.042	0.002	0.003	30.3	30.9	15.1	3.83	38.0	8.03	9.78	0.915	0.290	MAX
MIN	0	0	0	0.008	4.44	0.450	0.185	0.045	0.221	0.385	0.237	0.038	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.21
MAXIMUM DAILY, 38.0 ON AUG 10
MINIMUM DAILY, 0B ON JAN 9
MAXIMUM INSTANTANEOUS,
41.9 AT 20:08 PST ON AUG 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 01 45 N
LONG 122 43 07 W
DRAINAGE AREA, 332 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	18.3	JUL	3 410
FEB	1.81	AUG	23 700
MAR	1.56	SEP	2 430
APR	11 200	OCT	5 880
MAY	41 200	NOV	1 450
JUN	11 700	DEC	318

TOTAL DISCHARGE, 101 000 dam³

BOUNDARY CREEK NEAR PORTHILL - STATION NO. 08NH032

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.809	1.22 B	0.9348	1.80	24.7	24.2	3.81	0.891	1.50	0.880	0.821	2.32	1
2	2.018	0.8818	0.8508	1.90	33.7	28.3	2.78	1.02	1.47	0.851	0.863	2.28	2
3	2.248	0.8238	0.7388	1.78	28.2	26.0	2.45	1.18	1.83	0.823	1.06	2.58	3
4	2.10	0.8809	0.7288	1.78	30.8	24.1	3.09	1.05	1.42	0.885	1.53	4.26	4
5	1.88	0.7388	0.7858	2.01	34.5	24.4	2.83	0.891	1.36	0.823	1.36	8.20	5
6	1.73	0.8218	0.8218	2.88	40.8	24.8	2.61	0.834	1.30	0.823	1.19	4.30	6
7	1.478	0.8788	0.9088	3.88	47.3	22.0	2.48	0.880	1.18	0.885	1.28	3.84	7
8	1.278	0.9348	0.891	4.84	42.8	20.3	2.32	0.783	1.13	0.885	1.13	3.54	8
9	1.228	0.8838	0.891	4.05	41.9	18.9	2.21	2.10	1.08	0.888	3.82	3.26	9
10	1.188	0.8818	1.02	3.71	44.1	17.9	2.21	2.83	1.08	0.888	14.8	2.88	10
11	1.228	0.8818	1.10	3.74	37.7	15.1	2.15	1.80	0.881	0.708	18.4	2.35	11
12	1.308	1.02 B	1.22	4.28	28.7	14.8	2.01	1.22	0.881	0.851	16.1	2.298	12
13	1.388	1.02 B	1.42	5.38	21.8	13.3	2.32	1.37	0.883	0.821	6.77	2.278	13
14	1.80	1.02 B	1.88	7.42	18.8	12.7	2.15	1.13	0.808	1.28	5.38	2.248	14
15	1.47	0.8838	1.47 E	11.1	20.2	13.0	2.01	1.18	0.880	0.880	4.11	2.218	15
16	1.80	0.9348	1.28 E	12.7	22.2	12.8	2.07	1.18	0.821	0.880	4.36	2.188	16
17	1.88	0.8788	1.33 E	11.7	23.4	10.8	2.10	1.22	0.783	0.888	3.88	2.188	17
18	1.80	0.8788	1.33 E	12.8	30.0	8.89	1.88	1.25	0.808	0.851	3.57	2.15	18
19	1.44	0.8808	1.33 E	15.8	19.8	9.03	1.87	1.05	0.834	0.885	3.51	2.108	19
20	1.44	0.9088	1.33 E	18.4	16.8	7.90	1.78	1.05	0.821	0.738	3.99	2.048	20
21	1.44	0.8838	1.33 E	33.0	18.2	7.11	1.87	1.27	0.783	1.84	4.82	1.888	21
22	1.36	0.8918	1.38 E	27.5	18.8	6.67	1.88	1.47	0.783	2.38	3.88	1.888	22
23	1.288	0.8918	1.42 E	20.6	20.4	6.12	1.80	1.83	0.783	1.87	3.34	1.808	23
24	1.228	1.02 B	1.83 E	17.6	17.6	5.72	1.44	1.80	0.765	2.88	3.48	1.878	24
25	1.288	1.05 B	1.87 E	17.1	16.1	5.38	1.38	2.24	0.708	1.83	3.28	1.818	25
26	1.338	1.05 B	1.83 E	15.5	15.3	6.81	1.30	2.00	0.708	1.88	3.03	1.788	26
27	1.38	1.05 B	2.18 E	15.1	16.5	5.82	1.27	2.81	0.708	1.81	2.80	1.72	27
28	1.38	1.02 B	2.32 E	13.8	20.0	4.80	1.19	2.38	0.880	1.42	2.83	1.708	28
29	1.38		2.21	15.1	18.8	4.63	1.13	1.85	0.851	1.28	2.49	1.678	29
30	1.47		2.01	18.4	18.0	4.19	1.08	1.73	0.880	1.18	2.10	1.648	30
31	1.87		1.88		19.8		1.05	1.88		0.783		1.618	31
TOTAL	48.80	25.092	42.170	326.37	860.1	404.24	63.90	48.888	29.288	31.838	133.714	78.48	TOTAL
MEAN	1.80	0.932	1.36	10.8	28.8	13.5	2.06	1.80	0.976	1.03	4.12	2.47	MEAN
MAX	2.24	1.22	2.32	32.0	48.1	28.3	3.81	3.00	1.83	2.88	18.4	8.20	MAX
MIN	1.18	0.823	0.728	1.78	18.1	4.19	1.08	0.783	0.851	0.888	0.821	1.81	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.52
MAXIMUM DAILY, 48.1 ON MAY 10
MINIMUM DAILY, 0.888 ON OCT 9
MAXIMUM INSTANTANEOUS,
80.8 AT 17:30 PST ON MAY 10

SUMMARY FOR THE YEAR 1989

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 50 N
LONG 116 34 05 W
DRAINAGE AREA, 261 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 020	JUL	5 520
FEB	2 280	AUG	4 030
MAR	3 640	SEP	2 530
APR	28 100	OCT	2 750
MAY	85 100	NOV	10 700
JUN	34 800	DEC	8 810

TOTAL DISCHARGE, 174 000 dam³

BOWRON RIVER BELOW BOX CANYON - STATION NO. 08KD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.88	17.88	13.18	13.28	212A	184	77.0	31.0	28.8	27.1	31.1	43.88	1
2	17.88	16.08	13.38	13.38	208	182	64.7	32.1	28.0	28.8	31.8	43.28	2
3	17.68	15.48	13.48	13.48	210	172	61.7	47.4	27.3	28.0	48.8	47.8	3
4	17.88	14.88	13.28	13.78	208	170	60.1	68.3	28.4	24.3	151	52.8	4
5	17.48	14.48	13.18	13.88	219	180	78.2	49.3	28.8	24.1	127	88.7	5
6	17.18	14.18	13.18	14.28	238	183	78.4	48.8	28.8	24.8	104	81.0	6
7	16.48	13.68	13.28	14.48	278	162	71.3	42.2	28.8	24.0	88.2	47.8	7
8	16.28	13.48	13.18	15.38	282	148	71.8	38.8	27.1	23.4	74.1	45.98	8
9	16.18	13.28	13.08	16.18	282	148	70.1	37.1	28.8	22.7	78.4	43.08	9
10	15.88	12.88	12.88	17.88	288	151	68.2	38.8	28.3	22.7	184	40.08	10
11	15.78	12.88	12.88	20.78	287	142	62.3	38.7	24.8	23.8	140	38.88	11
12	15.88	12.88	13.08	22.88	281	142	58.8	34.8	24.1	25.8	114	40.88	12
13	15.88	12.78	13.38	24.88	288	141	58.8	33.3	23.4	28.8	88.8	38.88	13
14	15.88	12.68	13.88	28.48	178	137	54.8	32.7	22.8	24.7	88.8	37.78	14
15	15.58	13.08	13.58	28.88	188	140	54.8	31.8	22.4	24.7	80.88	36.88	15
16	15.48	13.28	13.48	28.08	180	122	58.1	30.8	22.1	23.8	74.08	33.48	16
17	14.88	13.08	13.38	28.48	172	108	57.3	28.7	21.8	23.4	72.58	31.78	17
18	14.78	12.88	13.28	33.08	186	98.8	53.1	28.1	21.5	23.7	78.08	28.88	18
19	14.48	12.78	13.38	37.58	204	94.1	50.1	28.8	21.7	30.8	118	28.88	19
20	14.88	12.78	13.38	44.08	177	91.8	47.0	28.7	30.2	35.4	111	28.18	20
21	14.38	12.88	13.28	84.08	184	81.8	44.8	30.0	34.7	33.8	94.8	27.88	21
22	13.88	13.78	13.38	88.08	138	88.3	43.7	34.8	31.8	32.8	82.7	28.18	22
23	13.78	12.88	13.38	78.08	128	81.7	42.1	38.2	28.4	34.4	72.88	32.08	23
24	13.68	13.28	13.38	88.08	118	78.4	41.3	34.3	27.8	33.7	84.88	28.38	24
25	13.38	13.68	13.28	102 E	112	76.8	41.3	32.7	28.7	34.4	89.08	80.08	25
26	13.28	13.48	13.18	122 E	111	77.8	38.0	31.1	24.7	35.4	88.88	71.08	26
27	13.28	13.38	13.18	141 E	116	85.0	37.2	29.7	24.1	35.8	83.08	80.08	27
28	13.38	13.18	13.08	168 E	112	80.0	38.4	28.8	23.7	34.5	80.18	67.08	28
29	14.08		13.08	180 E	111	80.3	38.5	27.8	23.3	32.0	47.48	61.08	29
30	18.78		13.08	183 E	118	78.2	33.7	27.1	24.2	31.8	48.48	78.08	30
31	17.08		13.18		138		32.4	28.4		31.8		73.08	31
TOTAL	477.8	378.8	408.7	1 887.2	5 783	3 702.8	1 739.1	1 070.4	773.8	878.1	2 478.8	1 488.7	TOTAL
MEAN	15.4	13.5	13.2	82.9	187	123	58.1	34.8	28.8	28.2	82.8	47.4	MEAN
MAX	17.8	17.8	13.8	183	287	183	84.7	88.3	34.7	38.4	184	80.8	MAX
MIN	13.2	12.8	12.8	13.2	111	78.2	32.4	28.4	21.8	22.7	31.1	27.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 58.8
MAXIMUM DAILY, 287 ON MAY 11
MINIMUM DAILY, 12.88 ON FEB 21
MAXIMUM INSTANTANEOUS,
308 AT 08:11 PST ON MAY 11

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 00 08 N
LONG 122 07 42 W
DRAINAGE AREA, 3 420 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	41 300	JUL	150 000
FEB	32 700	AUG	92 800
MAR	35 300	SEP	66 000
APR	137 000	OCT	75 800
MAY	500 000	NOV	214 000
JUN	320 000	DEC	127 000

TOTAL DISCHARGE, 1 700 000 dam³

BOWRON RIVER NEAR WELLS - STATION NO. 08KB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.51	2.448	1.85	1.78	16.1E	18.9E	18.0	7.67	5.33	3.88	3.88	8.78	1
2	2.52	2.448	1.85	1.77	16.7E	18.4E	18.7	8.13	5.24	3.83	4.04	8.44	2
3	2.54	2.428	1.84	1.80	17.3E	17.0E	17.1	10.7	5.10	3.78	4.88	8.46	3
4	2.52	2.378	1.82	1.81	16.1E	17.3E	17.5	11.1	5.15	3.73	6.82	8.32	4
5	2.50	2.338	1.81	1.85	16.8E	19.0A	17.8	11.2	5.17	3.70	8.33	8.14	5
6	2.47	2.288	1.85	1.88	19.8E	20.9E	17.8	10.8	5.10	3.88	8.85	8.03	6
7	2.36	2.278	1.87	1.88	20.8E	21.9E	17.8	10.6	5.00	3.84	8.28	7.92	7
8	2.39	2.288	1.85	1.83	21.6E	23.0E	17.7	10.1	4.90	3.88	8.80	7.85	8
9	2.30	2.268	1.83	1.86	22.5E	23.4	17.7	9.88	4.78	3.88	10.8	7.67	9
10	2.33	2.288	1.81	2.03	23.3E	23.4	17.8	9.84	4.88	3.84	12.2	7.28	10
11	2.38	2.278	1.78	2.14	24.0E	23.2	17.1	9.28	4.88	3.82	13.4	6.88	11
12	2.31	2.288	1.77	2.34	24.8E	22.8	16.7	8.88	4.67	3.81	14.0	6.89	12
13	2.26	2.318	1.81	2.80	25.0E	22.6	16.0	8.60	4.37	3.88	14.3	6.86	13
14	2.24	2.33	1.82	2.85	25.1E	22.0	15.5	8.10	4.24	3.67	14.0	6.72	14
15	2.31	2.38	1.78	3.14	24.8E	22.0	15.3	7.88	4.12	3.40	13.8	6.58	15
16	2.32	2.36	1.77	3.44	24.4E	22.7	15.2	7.88	4.02	3.26	13.2	6.28	16
17	2.16	2.26	1.76	3.74	23.6E	22.4	15.0	7.38	3.93	3.26	12.8	6.00	17
18	2.07	2.21	1.77	4.11	22.6E	21.8	14.4	7.12	3.88	3.22	13.3	5.458	18
19	2.07	2.18	1.76	4.56	21.8E	20.6	13.6	7.00	3.85	3.61	13.4	5.268	19
20	2.08	2.17	1.74	5.18	21.0E	19.8	12.7	6.71	4.07	3.87	13.3	5.108	20
21	2.02	2.11	1.78	6.48	20.2E	19.2	12.3	6.55	4.06	3.73	13.1	5.008	21
22	1.87	2.06	1.78	7.84	19.6E	18.3	11.8	6.55	4.04	3.73	12.8	4.858	22
23	1.82	2.07	1.76	8.21	18.2E	17.7	11.4	6.80	4.00	3.88	12.8	4.878	23
24	1.82	2.08	1.77	10.4	18.8E	17.0	11.1	6.50	3.88	3.84	12.2	5.008	24
25	1.82	2.04	1.77	11.4	18.3E	16.4	10.8	6.33	3.83	3.86	11.7	5.108	25
26	1.81	2.06	1.76	12.2	17.8E	16.2	10.1	6.06	3.88	3.81	11.0	5.408	26
27	1.88	2.01	1.76	13.0	17.8E	16.3	9.76	6.83	3.84	3.82	10.8	5.768	27
28	1.80	1.98	1.76	13.8	17.2E	16.3	9.23	6.67	3.80	3.88	10.4	6.088	28
29	1.88		1.76	14.8 E	16.8E	16.2	8.82	6.83	3.76	3.80	9.72	6.388	29
30	2.38		1.76	15.3 E	16.7E	16.8	8.24	6.35	3.88	3.88	9.18	6.808	30
31	2.41		1.77		16.8E		7.91	6.23		3.84		6.808	31
TOTAL	66.36	63.48	56.02	197.18	630.5	590.4	436.18	245.87	131.24	114.11	327.77	208.13	TOTAL
MEAN	2.20	2.33	1.81	6.67	20.3	18.7	14.1	7.82	4.37	3.88	10.8	6.83	MEAN
MAX	2.84	2.44	1.88	15.3	25.1	23.4	17.8	11.2	5.33	3.88	14.3	8.78	MAX
MIN	1.88	1.88	1.74	1.78	16.1	16.8	7.91	6.23	3.78	3.22	3.88	4.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.31
MAXIMUM DAILY, 25.1E ON MAY 14
MINIMUM DAILY, 1.74 ON MAR 30

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 15 40 N
LONG 121 24 50 W
DRAINAGE AREA, 458 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 800	JUL	37 700
FEB	5 400	AUG	21 200
MAR	4 840	SEP	11 300
APR	14 400	OCT	9 880
MAY	54 500	NOV	28 300
JUN	51 000	DEC	17 700

TOTAL DISCHARGE, 262 000 dam³

BRADLEY CREEK NEAR FOREST GROVE - STATION NO. 08LA022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	3.42	0.707	---	---	---	---	---	---	1
2	---	---	---	---	3.56	0.628	---	---	---	---	---	---	2
3	---	---	---	---	3.61	0.533	---	---	---	---	---	---	3
4	---	---	---	---	3.38	0.486	---	---	---	---	---	---	4
5	---	---	---	---	3.13	0.476	---	---	---	---	---	---	5
6	---	---	---	---	2.88	0.418	---	---	---	---	---	---	6
7	---	---	---	---	2.62	0.380	---	---	---	---	---	---	7
8	---	---	---	---	2.78	0.303	---	---	---	---	---	---	8
9	---	---	---	---	2.48	0.288	---	---	---	---	---	---	9
10	---	---	---	---	2.27	0.268	---	---	---	---	---	---	10
11	---	---	---	---	2.66	0.323	---	---	---	---	---	---	11
12	---	---	---	---	2.81	0.192	---	---	---	---	---	---	12
13	---	---	---	---	2.80	0.180	0.134	---	---	---	---	---	13
14	---	---	---	---	2.02	0.248	---	---	---	---	---	---	14
15	---	---	---	---	1.68	0.206	---	---	---	---	---	---	15
16	---	---	---	---	1.26	0.301	---	---	---	---	---	---	16
17	---	---	---	---	1.18	---	---	---	---	---	---	---	17
18	---	---	---	---	1.03	---	---	---	---	---	---	---	18
19	---	---	---	---	1.06	---	---	---	---	---	---	---	19
20	---	---	---	---	1.18	---	---	---	---	---	---	---	20
21	---	---	---	---	1.20	---	---	---	---	---	---	---	21
22	---	---	---	---	1.17	---	---	---	---	---	---	---	22
23	---	---	---	---	1.07	---	---	---	---	---	---	---	23
24	---	---	---	3.08	0.958	---	---	---	---	---	---	---	24
25	---	---	---	---	0.880	---	---	---	---	---	---	---	25
26	---	---	---	---	0.840	---	---	---	---	---	---	---	26
27	---	---	---	---	0.885	---	---	---	---	---	---	---	27
28	---	---	---	---	1.08	---	---	---	---	---	---	---	28
29	---		---	---	1.03	---	---	---	---	---	---	---	29
30	---		---	---	0.928	---	---	---	---	---	---	---	30
31	---		---		0.814		---	---		---		---	31
TOTAL	---	---	---	---	88.703	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	1.89	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	3.61	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	0.814	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 51 01 N
LONG 121 01 33 W
DRAINAGE AREA, 174 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	6 870	NOV	---
JUN	---	DEC	---

BRIDGE CREEK AT OUTLET OF HORSE LAKE - STATION NO. 08LA020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1788	0.0888	0.0788	0.2708	1.06	1.37	0.888	0.858	1.18	0.778	0.887	1.05	1
2	0.1708	0.0708	0.0748	0.2808	1.63	1.35	0.884	0.808	1.13	0.777	0.874	1.07	2
3	0.1698	0.0558	0.0728	0.2908	1.58	1.36	0.821	0.803	1.13	0.781	0.733	1.08	3
4	0.1648	0.0508	0.0738	0.304	1.55	1.37	0.880	0.811	1.12	0.782	0.772	1.07	4
5	0.1808	0.0508	0.0808	0.306	1.80	1.35	0.894	1.02	1.10	0.744	0.778	1.07	5
6	0.1888	0.0528	0.0888	0.388	1.80	1.30	0.988	1.07	1.07	0.748	0.801	1.05	6
7	0.1908	0.0838	0.1008	0.308	1.83	1.32	0.942	1.05	1.04	0.737	0.828	1.10	7
8	0.1458	0.0848	0.1188	0.318	1.85	1.28	0.817	1.18	1.03	0.712	0.853	1.08	8
9	0.1428	0.0588	0.1188	0.318	1.38	1.08	0.808	1.18	1.01	0.723	0.892	1.05	9
10	0.1408	0.0588	0.1168	0.307	1.08	0.880	0.484	1.18	0.883	0.712	0.884	1.07	10
11	0.1408	0.0808	0.1208	0.308	1.13	0.888	0.801	1.13	0.878	0.717	0.810	1.05 B	11
12	0.1428	0.0818	0.1308	0.314	1.20	0.888	0.888	1.07	0.883	0.708	0.828	1.07	12
13	0.1488	0.0828	0.1408	0.318	1.21	0.871	0.707	1.04	0.842	0.701	0.848	1.08	13
14	0.1508	0.0848	0.1708	0.318	1.25	0.858	0.727	1.02	0.836	0.888	0.921	1.08	14
15	0.1588	0.0858	0.1888	0.318	1.28	0.838	0.728	1.04	0.818	0.888	0.988	1.08	15
16	0.1888	0.0888	0.1828	0.323	1.32	0.817	0.708	1.16	0.818	0.887	0.988	1.08	16
17	0.1808	0.0888	0.1808	0.341	1.48	0.822	0.888	1.17	0.808	0.722	0.888	1.00 B	17
18	0.1478	0.0848	0.1818	0.348	1.11	0.771	0.881	1.17	0.821	0.888	0.878	0.8908	18
19	0.1488	0.0828	0.1888	0.381	0.918	0.784	0.818	1.18	0.882	0.878	0.888	0.8808	19
20	0.1408	0.0618	0.1708	0.381	1.01	0.738	0.588	1.18	0.883	0.878	0.884	0.8908	20
21	0.1378	0.0628	0.1808	0.403	1.08	0.788	0.673	1.28	0.838	0.881	1.01	1.05 B	21
22	0.1308	0.0668	0.1908	0.438	1.13	0.738	0.878	1.33	0.838	0.881	1.02	1.20 B	22
23	0.1228	0.0708	0.2008	0.442	1.18	0.784	0.528	1.28	0.818	0.858	1.02	1.30 B	23
24	0.1308	0.0748	0.2158	0.458	1.27	0.787	0.807	1.24	0.818	0.841	1.03	1.35	24
25	0.1208	0.0818	0.2308	0.488	1.31	0.777	0.488	1.24	0.893	0.858	1.02	1.34	25
26	0.1218	0.0858	0.2408	0.508	1.34	0.780	0.488	1.24	0.887	0.858	1.02	1.28	26
27	0.1258	0.0858	0.2458	0.561	1.31	0.780	0.478	1.17	0.872	0.824	1.04	1.27	27
28	0.1308	0.0808	0.2608	0.583	1.32	0.781	0.807	1.12	0.851	0.826	1.05	1.32	28
29	0.1358		0.2558	0.630	1.38	0.788	0.710	1.14	0.822	0.841	1.05	1.38	29
30	0.1208		0.2608	0.654	1.40	0.740	0.887	1.18	0.778	0.852	1.03	1.41	30
31	0.1108		0.2808		1.38		0.874	1.18		0.880		1.44	31
TOTAL	4.413	1.828	4.978	11.888	40.838	28.518	18.888	34.438	28.841	21.847	27.884	35.480	TOTAL
MEAN	0.142	0.085	0.181	0.385	1.31	0.851	0.800	1.11	0.885	0.885	0.923	1.14	MEAN
MAX	0.178	0.085	0.260	0.654	1.85	1.38	0.727	1.33	1.18	0.778	1.08	1.44	MAX
MIN	0.110	0.050	0.073	0.270	0.918	0.738	0.478	0.858	0.778	0.824	0.887	0.880	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.708
MAXIMUM DAILY, 1.85 ON MAY 8
MINIMUM DAILY, 0.0508 ON FEB 4
MAXIMUM INSTANTANEOUS,
1.80 AT 13:21 PST ON MAY 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 38 15 N
LONG 121 13 50 W
DRAINAGE AREA, 912 km²

B - ICE CONDITIONS

REGULATED SINCE 1962

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	381	JUL 1	810
FEB	158	AUG 2	980
MAR	430	SEP 2	500
APR	988	OCT 1	880
MAY 3	610	NOV 2	380
JUN 2	480	DEC 3	060

TOTAL DISCHARGE, 22 300 dam³

BRIDGE CREEK NEAR 100 MILE HOUSE - STATION NO. 08LA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1788	0.1158	0.0888	0.3708	1.33	2.10	0.837	2.12	1.33	0.718	0.896	1.178	1
2	0.1788	0.1008	0.0888	0.3808	2.02	2.05	0.781	3.22	1.32	0.878	0.801	1.208	2
3	0.1788	0.0708	0.0888	0.4208	2.38	2.01	0.784	2.88	1.24	0.888	0.738	1.208	3
4	0.1708	0.0588	0.0988	0.5008	2.81	2.00	0.788	2.63	1.24	0.788	0.847	1.208	4
5	0.1838	0.0588	0.0988	0.5548	2.78	1.83	0.787	2.38	1.22	0.747	0.784	1.188	5
6	0.1808	0.0588	0.1008	0.6008	2.83	1.78	0.728	2.07	1.18	0.885	0.818	1.188	6
7	0.1888	0.0588	0.1108	0.6408	2.87	1.71	0.888	1.78	1.18	0.780	0.788	1.188	7
8	0.1808	0.0588	0.1208	0.5108	2.90	1.74	0.880	2.32	1.13	0.886	0.821	1.188	8
9	0.1458	0.0588	0.1308	0.5288	2.91	1.80	0.820	1.84	1.08	0.723	0.888	1.188	9
10	0.1488	0.0588	0.1808	0.5108	2.48	1.31	0.821	1.72	1.18	0.718	0.928A	1.188	10
11	0.1488	0.0508	0.1508	0.5108	2.48	1.08	0.840	1.55	1.03	0.728	0.880E	1.188	11
12	0.1488	0.0508	0.1508	0.5208	2.48	1.01	0.828	1.33	1.03	0.703	1.20 E	1.208	12
13	0.1488	0.0508	0.1588	0.5308	2.48	0.888	0.888	1.20	1.02	0.877	1.30 E	1.208	13
14	0.1508	0.0828	0.1808	0.5208	2.54	1.08	0.833	1.08	1.01	0.878	1.10 E	1.208	14
15	0.1808	0.0838	0.1708	0.5158	2.51	1.03	1.08	1.08	0.980	0.888	1.20 E	1.208	15
16	0.1858	0.0888	0.2008	0.520E	2.55	1.03	1.18	1.08	1.10	0.847	1.28 E	1.208	16
17	0.1808	0.0888	0.2008	0.540E	2.88	1.04	0.883	1.14	0.932	0.848	1.25 E	1.188	17
18	0.1858	0.0888	0.1858	0.588	2.72	0.887	0.871	1.18	0.823	0.858	1.27 E	1.148	18
19	0.1858	0.0888	0.1858	0.611	2.32	0.881	0.804	1.33	1.14	0.708	1.21 E	1.108	19
20	0.1858	0.0888	0.2008	0.883	2.06	0.878	0.818	1.82	0.958	0.808	1.20 E	1.088	20
21	0.1808	0.0728	0.2058	0.744	2.08	0.832	0.818	2.02	0.881	0.883	1.18 E	1.108	21
22	0.1408	0.0788	0.2108	0.784	2.08	0.873	0.747	1.81	0.813	0.884	1.17 E	1.188	22
23	0.1308	0.0828	0.2208	0.788	2.08	0.884	0.728	1.84	0.833	0.738	1.18 E	1.278	23
24	0.1258	0.0808	0.2308	0.889	2.04	0.880	0.780	1.81	0.831	0.884	1.17 E	1.348	24
25	0.1258	0.1008	0.2808	0.882	2.21	0.848	0.714	1.41	0.818	0.823	1.20 E	1.388	25
26	0.1258	0.1058	0.2708	1.12	2.34	0.878	0.882	1.37	0.858	0.837	1.20 E	1.378	26
27	0.1258	0.1058	0.3008	1.28	2.41	0.858	0.894	1.34	1.08	0.880	1.20 E	1.388	27
28	0.1308	0.1008	0.3308	1.34	2.40	0.883	0.871	1.28	1.08	0.788	1.18 E	1.388	28
29	0.1408		0.3408	1.38	2.27	0.892	0.701	1.18	1.02	0.817	1.18 E	1.388	29
30	0.1388		0.3508	1.37	2.28	0.878	0.833	1.18	0.788	0.878	1.18 E	1.408	30
31	0.1308		0.3608		2.15		1.02	1.28		0.881		1.418	31
TOTAL	4.808	2.048	8.834	21.881	76.24	37.408	24.188	51.48	31.778	21.228	31.822	38.11	TOTAL
MEAN	0.148	0.072	0.181	0.703	2.38	1.28	0.780	1.68	1.08	0.888	1.08	1.23	MEAN
MAX	0.178	0.118	0.380	1.38	2.81	2.10	1.18	3.22	1.33	0.888	1.30	1.41	MAX
MIN	0.128	0.088	0.088	0.378	1.33	0.848	0.838	1.08	0.788	0.878	0.888	1.08	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.842
MAXIMUM DAILY, 3.22 ON AUG 2
MINIMUM DAILY, 0.0888 ON FEB 4
MAXIMUM INSTANTANEOUS,
3.38 AT 10:12 PST ON AUG 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 42 18 N
LONG 121 10 33 W
DRAINAGE AREA, 1 330 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	388	JUL 2	080
FEB	177	AUG 4	480
MAR	813	SEP 3	780
APR 1	830	OCT 1	630
MAY 8	410	NOV 2	780
JUN 3	230	DEC 3	280

TOTAL DISCHARGE, 29 700 dam³

BRIDGE RIVER (SOUTH BRANCH) BELOW BRIDGE GLACIER - STATION NO. 08ME033

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.670B	0.680B	0.580B	0.570B	8.70B	19.1	25.4	56.1	34.4	17.9	2.80B	1.80B	1
2	0.650B	0.650B	0.570B	0.570B	8.70B	26.5	26.2	49.4	31.5	12.7	2.40B	1.78B	2
3	0.640B	0.640B	0.570B	0.585B	7.20B	28.0	26.8	46.0	30.7	11.3	2.35B	1.80B	3
4	0.630B	0.630B	0.578B	0.570B	7.70B	28.8	27.4	48.7	33.5	11.4	2.30B	2.00B	4
5	0.624B	0.620B	0.580B	0.578B	8.00B	30.5	28.7	52.5	29.5	12.2	2.25B	1.60B	5
6	0.622B	0.615B	0.585B	0.580B	8.80B	31.0	28.1	53.1	27.8	12.8	2.20B	1.58B	6
7	0.620B	0.615B	0.585B	0.578B	10.0 B	30.0	28.9	54.1	27.8	13.1	2.18B	1.60B	7
8	0.620B	0.610B	0.580B	0.570B	10.1 B	28.4	28.1	51.8	34.5	13.0	2.18B	1.57B	8
9	0.618B	0.615B	0.585B	0.585B	10.0 B	28.7	27.4	48.6	28.2	13.6	4.90B	1.52B	9
10	0.615B	0.610B	0.580B	0.585B	9.80B	29.4	27.8	50.8	25.0	18.4	10.0 B	1.48B	10
11	0.615B	0.605B	0.580B	0.580B	8.00B	31.6	30.6	53.5	24.7	15.0	7.00B	1.38B	11
12	0.615B	0.600B	0.578B	0.580B	7.60B	34.1	33.6	52.6	27.8	10.5	5.00B	1.30B	12
13	0.614B	0.598B	0.578B	0.570B	7.70B	34.0	34.6	57.1	30.0	7.52	4.00B	1.25B	13
14	0.612B	0.595B	0.570B	0.580B	7.60B	38.1	41.7	53.8	28.5	8.06	3.50B	1.20B	14
15	0.610B	0.590B	0.588B	0.590B	8.20B	34.6	43.5	56.8	27.3	8.15B	3.00B	1.18B	15
16	0.615B	0.585B	0.580B	0.585B	8.60B	30.4	38.2	50.8	22.5	4.48B	2.70B	1.15B	16
17	0.620B	0.580B	0.580B	0.588B	8.60B	28.8	36.2	36.6	17.8	4.35B	2.48B	1.13B	17
18	0.618B	0.585B	0.585B	0.600B	8.10B	22.8	36.8	45.6	16.0	12.5 B	2.35B	1.08B	18
19	0.618B	0.590B	0.585B	0.610B	8.75	20.3	36.8	46.9	15.3	14.0 B	2.25B	1.08B	19
20	0.615B	0.588B	0.585B	0.630B	8.13	19.4	36.1	46.9	16.8	10.2 B	2.20B	1.08B	20
21	0.612B	0.600B	0.580B	0.580B	8.68	18.3	36.2	46.1	18.5	7.78B	2.12B	1.04B	21
22	0.608B	0.605B	0.580B	0.700B	8.75	21.0	38.7	37.6	20.5	8.35B	2.08B	1.05B	22
23	0.608B	0.600B	0.585B	0.780B	8.72	27.6	34.7	33.3	22.9	8.45B	2.00B	1.04B	23
24	0.615B	0.595B	0.585B	0.810B	8.76	32.6	34.5	33.5	23.6	6.95B	1.80B	1.08B	24
25	0.620B	0.595B	0.580B	0.820B	8.26	38.5	36.5	35.2	22.7	6.40B	1.85B	1.10B	25
26	0.630B	0.585B	0.585B	1.15 B	8.28	40.6	41.6	36.8	25.1	4.00B	1.80B	1.07B	26
27	0.640B	0.585B	0.580B	1.40 B	8.61	31.8	46.0	33.6	22.4	3.80B	1.75B	1.05B	27
28	0.650B	0.588B	0.580B	2.00 B	8.43	24.5	43.1	32.1	22.5	3.30B	1.70B	1.04B	28
29	0.680B		0.585B	3.50 B	7.80	20.7	41.2	33.0	24.2	2.80B	1.68B	1.02B	29
30	0.700B		0.585B	4.50 B	10.4	22.5	44.0	34.0	24.8	2.60B	1.62B	1.01B	30
31	0.705B		0.570B		15.3		53.0	36.2		2.65B		1.00B	31
TOTAL	19.804	16.868	17.885	26.485	248.80	855.6	1 088.8	1 288.7	781.4	274.80	88.78	40.13	TOTAL
MEAN	0.629	0.606	0.585	0.850	7.82	28.5	35.1	41.0	26.4	8.86	2.86	1.29	MEAN
MAX	0.705	0.680	0.585	4.50	15.3	40.6	53.0	56.1	34.5	18.4	10.0	2.00	MAX
MIN	0.605	0.580	0.845	0.580	6.70	19.1	25.4	32.8	15.0	2.85	1.62	1.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.8
MAXIMUM DAILY, 56.1 ON AUG 1
MINIMUM DAILY, 0.545B ON MAR 23
MAXIMUM INSTANTANEOUS,
61.9 AT 00:13 PST ON AUG 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 51 24 N
LONG 123 27 06 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 680	JUL	94 100
FEB	1 470	AUG	110 000
MAR	1 530	SEP	65 800
APR	2 480	OCT	23 700
MAY	21 200	NOV	7 410
JUN	73 900	DEC	3 470

TOTAL DISCHARGE, 407 000 dam³

BROWNS RIVER NEAR COURTENAY - STATION NO. 08HB025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.33	7.50 B	1.31	3.01	14.5	14.0	5.35	0.925E	0.383A	0.220E	1.40A	3.75 A	1
2	1.28	4.90 B	1.22	2.88	13.4	13.2	5.89	2.03 E	0.375E	0.190E	1.30E	33.5	2
3	4.35	3.50 B	1.22	2.14	13.5	11.5	5.29	1.37 E	0.360E	0.180E	2.00E	42.4	3
4	5.57	3.00 B	1.21	1.88	10.5	9.32	5.88	1.09 E	0.350E	0.165E	3.00E	33.0	4
5	3.33	1.80 B	1.30	2.26	10.7	8.43	3.87	0.874E	0.340E	0.153E	3.30E	9.05	5
6	2.25	1.40 B	1.82	8.74	18.9	8.61	2.26	0.720E	0.328E	0.128E	1.80E	8.01	6
7	1.76	1.25 B	1.47	10.1	16.9	8.31	3.41	0.600E	0.315E	0.122E	1.50E	12.3	7
8	1.64	1.15 B	1.50	8.84	15.0	6.82	5.01	0.548E	0.305E	0.120E	4.05A	13.3	8
9	1.46	1.05 B	1.86	5.08	12.3	3.85	2.83	0.514A	0.295E	0.131E	14.3	8.06	9
10	1.35	0.980B	3.19	5.28	8.86	3.15	1.88	0.413A	0.280E	0.130A	10.0	3.92	10
11	1.13	0.880B	11.1	7.91	8.58	2.61	1.50	0.388E	0.280E	0.220E	4.89	2.77 A	11
12	2.84	0.830B	10.8	8.28	8.64	2.86	1.26	0.370E	0.268E	0.380E	3.70A	2.15 E	12
13	3.20	0.780B	8.80	11.7	8.89	2.40	1.16	0.380E	0.255E	0.800E	1.80E	1.80 E	13
14	1.85	0.770B	3.85	10.8	8.85	2.95	0.870	0.430E	0.245E	0.500E	1.70E	1.80 E	14
15	1.67	0.742B	2.83	10.3	8.80	2.18	0.847	0.470E	0.238E	0.440E	1.80A	1.40 E	15
16	2.58	0.727	2.54	8.71	8.11	2.28	1.82	0.500E	0.230E	0.400E	1.67E	1.25 E	16
17	3.31	0.721	2.32	7.88	7.88	2.04	3.08	0.460E	0.225E	0.680E	1.65E	1.15 E	17
18	2.42	0.727	2.02	8.57	8.64	2.15	1.80	0.420E	0.220E	1.30 E	1.75E	1.10 E	18
19	1.80	0.742	1.84	17.4	4.38	1.72	1.61	0.390E	0.210E	2.00 E	4.33A	0.940E	19
20	1.67	0.743	1.78	48.3	3.84	1.88	1.17	0.410E	0.204A	15.0 E	5.85	0.900E	20
21	1.80	0.841B	2.17	19.2	4.72	1.38	1.10	0.800E	0.200E	30.8	5.17	1.70 E	21
22	1.38	10.0 B	2.42	9.74	4.76	1.24	1.11	0.900E	0.195E	23.1	3.88A	2.00 E	22
23	1.07	8.07	2.12	8.38	4.40	1.12	0.922	0.780E	0.190E	48.9	3.70A	1.80 E	23
24	1.10	4.78	1.82	8.24	4.35	0.936	0.804	0.850E	0.180E	14.7	1.32E	1.80 E	24
25	0.980	2.72	1.72	10.3	5.88	0.807	0.890	0.850E	0.188E	10.7	1.27E	1.80 E	25
26	1.02	1.88	1.80	10.2	9.37	0.718	0.808	0.500E	0.218E	28.0	1.24E	1.40 E	26
27	1.34	1.70	2.04	8.81	8.65	0.826	0.887	0.470E	0.238E	7.88	1.20E	1.38 E	27
28	1.30	1.48	2.84	10.8	8.72	3.72	0.840	0.480E	0.270E	4.80	4.88A	1.32 E	28
29	2.38		2.68	14.1	8.88	8.88	0.808	0.430E	0.288E	3.80 E	7.63	1.30 E	29
30	14.4		2.48	18.1	10.7	8.86	0.497	0.420E	0.260E	2.80 E	4.86	1.40 E	30
31	12.3		2.80		13.2		0.474A	0.410E		1.80 E		1.48 E	31
TOTAL	85.060	84.703	85.81	317.72	287.42	128.084	78.255	18.481	7.822	200.327	104.88	108.240	TOTAL
MEAN	2.74	2.31	2.77	10.8	9.89	4.17	2.46	0.627	0.284	6.48	3.80	8.33	MEAN
MAX	14.4	10.0	11.1	48.3	15.7	14.0	5.89	3.03	0.393	48.9	14.3	42.4	MAX
MIN	0.980	0.721	1.31	1.88	3.84	0.718	0.474	0.370	0.180	0.120	1.20	0.900	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.33
MAXIMUM DAILY, 48.3 ON APR 30
MINIMUM DAILY, 0.120E ON OCT 6
MAXIMUM INSTANTANEOUS,
80.8 AT 23:06 PST ON DEC 3

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 33 N
LONG 125 05 07 W
DRAINAGE AREA, 85.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 380	JUL	6 880
FEB	5 890	AUG	1 880
MAR	7 430	SEP	884
APR	27 500	OCT	17 300
MAY	25 700	NOV	8 080
JUN	10 800	DEC	17 000

TOTAL DISCHARGE, 137 000 dam³

BUCK CREEK AT THE MOUTH - STATION NO. 08EE013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.800B	0.480B	0.334B	0.840B	43.8E	10.4	2.72	1.04	1.09	0.380	1.18	3.88	1
2	0.768B	0.480B	0.320B	0.880B	46.0E	9.15	3.14	0.940	1.02	0.418	1.14	3.83	2
3	0.770B	0.370B	0.315B	0.880B	47.3A	8.11	2.98	0.843	0.926	0.436	1.21	4.14	3
4	0.780B	0.335B	0.310B	0.710B	48.0	7.18	3.04	0.746	0.874	0.408	1.80	4.19	4
5	0.758B	0.310B	0.311B	0.730B	47.6	6.40	2.84	0.683	0.832	0.482	2.60	4.12	5
6	0.745B	0.308B	0.318B	0.770B	48.1	5.82	2.70	0.587	0.787	0.472	2.31	3.80	6
7	0.732B	0.305B	0.317B	0.785B	46.2	5.46	2.85	0.534	0.752	0.595	2.10	3.43	7
8	0.721B	0.300B	0.320B	0.830B	42.8	5.02	3.27	0.472	0.861	0.551	1.87	3.54	8
9	0.718B	0.301B	0.320B	0.880B	37.8	4.74	3.83	0.425	0.837	0.532	2.07	3.44B	9
10	0.710B	0.303B	0.320B	1.10 E	32.0	4.48	3.01	0.400	0.886	0.476	1.98B	3.33B	10
11	0.718B	0.306B	0.326B	1.80 E	28.8	4.08	2.88	0.414	0.887	0.478	1.88B	3.25B	11
12	0.710B	0.309B	0.330B	3.80 E	26.6	3.72	2.34	0.504	0.860	0.531	1.78B	3.18B	12
13	0.700B	0.311B	0.333B	7.20 E	17.3	3.44	2.17	0.488	0.818	0.557	1.72B	3.14B	13
14	0.690B	0.318B	0.340B	12.3 E	16.8	3.40	2.08	0.582	0.781	0.580	1.73B	3.17B	14
15	0.680B	0.318B	0.347B	20.1 E	15.8	3.23	1.81	0.703	0.783	0.693	1.78B	3.16B	15
16	0.680B	0.315B	0.350B	21.0 E	16.3	2.84	1.51	0.686	0.871	0.781	2.10B	3.18B	16
17	0.678B	0.310B	0.357B	21.9 E	15.5	2.67	1.48	0.693	0.817	0.747	2.26	3.16B	17
18	0.673B	0.309B	0.370B	23.0 E	14.2	2.58	1.19	0.788	0.870	0.853	3.58	3.18B	18
19	0.683B	0.304B	0.380B	24.8 E	13.8	2.48	1.11	0.885	0.887	1.85	8.88	3.10B	19
20	0.688B	0.308B	0.388B	26.2 E	17.2	2.26	1.00	0.809	0.828	1.78	10.2	2.78B	20
21	0.690B	0.311B	0.388B	27.0 E	14.7	2.43	0.948	0.557	0.838	1.53	7.71	2.71B	21
22	0.643B	0.329B	0.408B	27.3 E	13.5	2.41	0.883	0.948	0.845	1.41	7.86	2.70B	22
23	0.640B	0.345B	0.430B	28.0 E	12.5	2.15	0.782	1.86	0.810	1.35	7.84	2.76B	23
24	0.639B	0.370B	0.462B	29.3 E	11.6	1.98	0.731	2.58	0.391	1.26	7.15	3.80B	24
25	0.623B	0.393B	0.490B	31.6 E	11.2	1.89	0.672	2.38	0.370	1.23	7.26	8.00B	25
26	0.615B	0.388B	0.505B	33.1 E	10.8	1.48	0.581	2.01	0.348	1.33	7.47	7.30B	26
27	0.600B	0.370B	0.515B	36.0 E	10.6	1.26	0.607	1.88	0.322	1.47	8.13	7.70B	27
28	0.590B	0.358B	0.533B	37.8 E	10.2	1.31	1.34	1.45	0.295	1.48	7.98	7.40B	28
29	0.581B		0.575B	40.0 E	10.3	1.86	1.89	1.35	0.383	1.35	4.89	7.00B	29
30	0.540B		0.598B	42.0 E	11.0	1.80	1.62	1.26	0.347	1.30	4.06	4.20B	30
31	0.518B		0.615B		11.1		1.22	1.17		1.24		2.80B	31
TOTAL	20.987	8.461	12.230	800.30B	745.8	115.84	58.524	30.686	16.163	28.307	125.63	122.28	TOTAL
MEAN	0.678	0.337	0.395	18.7	24.1	3.88	1.88	0.987	0.838	0.913	4.18	3.94	MEAN
MAX	0.800	0.480	0.615	42.0	48.0	10.4	3.83	2.58	1.09	1.78	10.2	7.70	MAX
MIN	0.518	0.300	0.310	0.840	10.2	1.24	0.581	0.400	0.285	0.380	1.14	3.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.89
MAXIMUM DAILY, 48.0 ON MAY 4
MINIMUM DAILY, 0.285 ON SEP 28
MAXIMUM INSTANTANEOUS,
60.6 AT 21:30 PST ON MAY 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 23 52 N
LONG 128 38 04 W
DRAINAGE AREA, 880 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 810	JUL	5 080
FEB	818	AUG	3 940
MAR	1 080	SEP	1 400
APR	63 200	OCT	2 450
MAY	84 400	NOV	10 800
JUN	10 000	DEC	10 900

TOTAL DISCHARGE, 184 000 dam³

BUFFALO CREEK ABOVE BRIDGE CREEK - STATION NO. 08LA025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.856	0.818	---	1.47	0.012E	---	0.003	---	1
2	---	---	---	---	0.880	0.584	---	1.47	0.008	---	0.028E	---	2
3	---	---	---	---	0.848	0.588	---	1.30	0.008E	---	0.048	---	3
4	---	---	---	---	1.08	0.388	---	1.11	---	---	0.033	---	4
5	---	---	---	---	1.13	0.378	---	1.03	---	---	0.018	---	5
6	---	---	---	---	1.20	0.381	---	0.701	---	---	0.018	---	6
7	---	---	---	---	1.28	0.381	---	0.878	---	---	0.013E	---	7
8	---	---	---	---	1.28	0.341	---	0.701	---	---	0.038	---	8
9	---	---	---	---	1.27	0.332	---	0.388	---	---	0.038E	---	9
10	---	---	---	---	1.26	0.320	---	0.320	---	---	0.041	---	10
11	---	---	---	---	1.48	0.344	---	0.228	---	---	0.065E	---	11
12	---	---	---	---	1.43	0.287E	---	0.185	---	---	0.085	---	12
13	---	---	---	---	1.37	0.231E	---	0.074	---	---	0.123	---	13
14	---	---	---	---	1.37	0.176E	---	0.044	---	---	0.137	---	14
15	---	---	---	---	1.37	0.118	---	0.027	---	---	0.138E	---	15
16	---	---	---	---	1.38	0.057E	---	0.020	---	---	0.141	---	16
17	---	---	---	0.205	1.37	0.078E	---	0.014E	---	---	0.242E	---	17
18	---	---	---	0.188	1.31	0.081	---	0.007	---	---	0.344	---	18
19	---	---	---	0.184	1.28	---	---	0.005E	0.001	---	0.341E	---	19
20	---	---	---	0.207	1.28	---	---	0.188	---	---	0.338	---	20
21	---	---	---	0.212	1.11	---	---	0.381	---	---	0.478	---	21
22	---	---	---	0.338	1.08	---	---	0.288E	---	---	---	---	22
23	---	---	---	0.332	1.03	---	---	0.238	---	---	---	---	23
24	---	---	---	0.428	1.00	---	---	0.208E	---	---	---	---	24
25	---	---	---	0.483	0.980	---	---	0.178	---	---	---	---	25
26	---	---	---	0.588	1.03	---	---	0.141E	---	---	---	---	26
27	---	---	---	0.805	0.978	---	---	0.107	---	---	---	---	27
28	---	---	---	0.724	0.882	---	---	0.068E	---	---	---	---	28
29	---		---	0.788	0.858	---	---	0.028	---	---	---	---	29
30	---		---	0.781	0.701	---	---	0.021E	---	---	---	---	30
31	---		---		0.890		0.081	0.015		---		---	31
TOTAL	---	---	---	---	34.872	---	---	11.880	---	---	---	---	TOTAL
MEAN	---	---	---	---	1.13	---	---	0.387	---	---	---	---	MEAN
MAX	---	---	---	---	1.48	---	---	1.47	---	---	---	---	MAX
MIN	---	---	---	---	0.856	---	---	0.007	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.47 ON AUG 1

DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 40 38 N
LONG 121 11 18 W
DRAINAGE AREA, 228 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	1 040
MAR	---	SEP	---
APR	---	OCT	---
MAY	3 010	NOV	---
JUN	---	DEC	---

BULKLEY RIVER AT QUICK - STATION NO. 08EE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	38.48	27.58	27.58	22.08	384	401	214	134	106	80.3	56.8	188	1
2	37.98	27.18	27.38	22.38	403	406	214E	132	101	78.8	56.3	181	2
3	37.18	27.08	26.88	23.08	481	392	214	136	98.4	76.0	56.0	141	3
4	35.98	26.68	26.28	23.88	500	400	213	135	96.1	74.8	78.8	141	4
5	36.18	26.38	25.88	24.18	509	422	208	134	96.0	74.8	88.1	143	5
6	34.58	26.08	25.28	25.08	504	448	189	131	93.5	73.8	82.8	141	6
7	33.78	25.88	24.88	25.88	529	420	198	128	90.7	71.4	81.0	132	7
8	32.88	25.58	24.68	26.18	522	398	189	128	89.5	71.7	81.8	128	8
9	31.88	25.28	24.18	27.08	507	383	188E	126	87.9	70.4	86.4	118	9
10	31.58	25.08	23.88	26.08	484	377	190	120	87.1	71.2	88.7	117	10
11	30.88	25.08	23.48	25.08	435	377	182	118	86.2	71.8	87.5	118	11
12	30.48	25.08	23.88	30.48	376	384	186	118	84.1	71.3	81.4	112 E	12
13	30.08	24.88	22.78	32.88	347	387	183	118	82.8	70.3	81.4	110	13
14	29.88	24.88	22.18	36.88	326	393	188	118	81.5	88.4	80.4	107	14
15	29.18	24.88	22.08	46.08	318	380	184	118	80.1	88.3E	88.8	103	15
16	28.88	25.08	21.78	58.08	333	382	178	117	77.8	85.1	88.5	88.3	16
17	28.48	25.48	21.48	64.08	338	328	173	116	77.2	83.8	87.1	83.2	17
18	26.18	25.88	21.38	74.08	331	303	168	115	76.5	84.7	130 E	80.7	18
19	27.88	25.48	21.08	90.08	328	288	186	111E	72.2	88.1	227	87.1E	19
20	28.48	27.48	20.78	108	318	272	182	118	71.8	88.8E	228	83.8	20
21	30.38	28.08	20.88	124	285E	261	158	118	72.1	71.5	202	78.3	21
22	29.88	28.88	20.48	118	272	244	161	120	71.8	70.9	188	83.7	22
23	28.38	29.08	20.38	123	286	237	146	122	71.4	70.7	170	86.3	23
24	28.08	28.18	20.28	131	288	240	143	122	71.8	88.8	188	83.8	24
25	28.88	28.28	20.08	148	282	248	138	118	71.2	88.8	144	81.5	25
26	31.38	29.58	19.88	182	284	248	134	118	71.1	88.2	140	108	26
27	31.88	29.28	19.88	205	281	241	133	111	88.5	85.1	128	128	27
28	30.18	29.08	20.18	264	282	280	142	110	87.5	83.3E	126	147	28
29	28.88		20.88	281	282	328	141	108	72.4E	81.8	129	148 E	29
30	28.08		21.18	307	280	218	138	105	82.3	81.5	170	143	30
31	28.88		21.78		288		132E	107		80.8		131	31
TOTAL	888.3	748.7	888.8	2 881.3	11 188	8 923	5 385	3 736	2 454.8	2 180.5	3 533.5	3 828.5	TOTAL
MEAN	31.2	26.7	22.8	88.7	381	331	173	121	81.8	88.4	118	117	MEAN
MAX	38.8	29.5	27.5	307	529	448	214	136	106	80.3	227	188	MAX
MIN	27.8	24.8	19.8	22.0	280	218	132	108	87.5	80.8	88.0	78.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 128
MAXIMUM DAILY, 529 ON MAY 7
MINIMUM DAILY, 19.88 ON MAR 27

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 37 05 N
LONG 128 53 55 W
DRAINAGE AREA, 7 380 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	83 700	JUL	483 000
FEB	84 700	AUG	333 000
MAR	80 500	SEP	212 000
APR	230 000	OCT	188 000
MAY	885 000	NOV	305 000
JUN	857 000	DEC	314 000

TOTAL DISCHARGE, 4 080 000 dam³

BULKLEY RIVER NEAR HOUSTON - STATION NO. 08EE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	148	31.8	4.89	1.88	2.05	0.635E	2.38	---	1
2	---	---	---	---	134	28.4	5.30E	1.62	2.11	0.638	2.38	---	2
3	---	---	---	---	143	26.2 E	5.73	1.70	1.88 E	0.630	2.33	---	3
4	---	---	---	---	187	23.6 E	5.83	1.86	1.88	0.621	2.88	---	4
5	---	---	---	---	188	21.0	6.02	1.48	1.84	0.901	3.83E	---	5
6	---	---	---	---	158	18.8	6.23	1.32E	1.67	0.812	4.18	---	6
7	---	---	---	---	157 E	16.6	6.32	1.30	1.43	0.833	3.84	---	7
8	---	---	---	---	150	15.8	6.87	1.18	1.32	0.840E	3.60	---	8
9	---	---	---	---	138	14.6	6.88E	1.00	1.18	0.844	4.88	---	9
10	---	---	---	---	135	12.8	6.13	1.03	1.13 E	0.885	5.00	---	10
11	---	---	---	---	105	11.8 E	5.71	1.14	1.10	0.848	4.48	---	11
12	---	---	---	---	88.8	10.8	5.22	1.13	0.985	0.855	5.00E	---	12
13	---	---	---	---	73.8	10.4	4.82	1.18E	0.838	0.867	5.88	---	13
14	---	---	---	---	67.0E	10.4	4.87	1.17	0.877	1.25	4.88	---	14
15	---	---	---	---	80.7	9.06	4.08	1.18	0.857	1.25 E	5.08	---	15
16	---	---	---	---	81.4	8.29	3.62E	1.13	0.888	1.34	4.82	---	16
17	---	---	---	---	88.2	7.82	3.57	1.30	0.810E	1.31	4.68	---	17
18	---	---	---	---	81.2	6.85E	3.18E	1.36	0.848	1.38	5.27E	---	18
19	---	---	---	---	86.2	6.48	2.96	1.31	0.880	2.27	8.28E	---	19
20	---	---	---	---	88.8	6.38	3.25	1.28E	0.871	3.39 E	10.5 E	---	20
21	---	---	---	---	81.8E	5.75	2.84	1.28	0.841	2.51	13.2	---	21
22	---	---	---	---	47.8	5.70	2.62	1.83	0.832	2.42 E	13.6	---	22
23	---	---	---	---	46.8	5.39	2.48E	2.12	0.813	2.33	16.0	---	23
24	---	---	---	---	43.4	4.88E	2.34	3.02	0.788E	2.18	13.8	---	24
25	---	---	---	---	39.1	4.40E	2.22	2.71	0.774	2.24	18.8	---	25
26	---	---	---	---	38.4	3.91	1.98	2.71	0.788	2.51	18.8 E	---	26
27	---	---	---	---	37.2	3.88	2.43	2.87E	0.886	2.60	18.5	---	27
28	---	---	---	---	36.3E	4.03	2.88	3.04	0.878	2.88	10.7	---	28
29	---	---	---	---	33.4	4.38	2.45	2.88	0.817	2.88 E	8.34	---	29
30	---	---	---	---	33.4	4.31	2.38E	2.82	0.828	2.48	7.84	---	30
31	---		---	---	33.8		2.30	2.38		2.48		---	31
TOTAL	---	---	---	---	2 810.0	345.30	123.34	64.88	33.020	48.788	226.82	---	TOTAL
MEAN	---	---	---	---	84.2	11.8	3.88	1.77	1.10	1.81	7.88	---	MEAN
MAX	---	---	---	---	188	31.8	6.13	3.12	2.11	2.88	18.8	---	MAX
MIN	---	---	---	---	33.4	3.81	1.88	1.00	0.878	0.821	2.33	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 188 ON MAY 8

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 23 45 N
LONG 128 42 30 W
DRAINAGE AREA, 2 380 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	10 700
FEB	---	AUG	4 780
MAR	---	SEP	3 850
APR	---	OCT	4 300
MAY	225 000	NOV	10 800
JUN	28 800	DEC	---

BULL RIVER NEAR WARDNER - STATION NO. 08NG003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.42E	5.70E	5.18	5.31	87.1	78.0	60.1	21.8	21.7	11.1	11.8	12.8	1
2	5.83E	4.38E	4.78	5.18	85.8	110	54.3	21.8	24.8	11.0	11.3	11.8	2
3	5.83E	4.00E	4.80E	5.63	89.5	118	48.2	21.0	26.4	10.8	11.4	12.3	3
4	5.10E	3.80E	4.80E	5.37	85.3	118	46.7	18.8	26.7	10.8	11.7	13.8	4
5	5.08E	3.80E	5.00E	5.86	89.0	127	45.2	18.7	26.3	10.4	11.8	14.2	5
6	5.07E	5.05E	5.42	5.74	114	158	44.4	18.2	26.7	10.8	11.2	13.7	6
7	5.00E	5.38E	5.87	5.20	158	158	43.7	18.0	24.4	10.1	11.1	12.8	7
8	5.88E	5.42E	5.38	10.1	180	140	43.3	18.2	26.3	9.80	10.8	13.1	8
9	5.80E	5.42E	4.88	8.84	188	137	40.1	18.8	24.2	9.48	13.2	12.8	9
10	5.80E	5.40E	5.82	8.67	169	138	39.8	20.3	22.7	9.78	47.8	11.8	10
11	5.80E	5.40E	6.33	10.7	142	110	39.0	19.0	21.2	9.84	66.4	8.62	11
12	5.58E	5.41E	6.13	12.4	114	108	37.8	17.6	19.8	9.93	43.0	10.1	12
13	5.40E	5.43E	5.88	14.8	91.8	117	43.6	18.1	18.8	10.3	32.2	11.2	13
14	5.57E	5.48E	5.61	18.8	76.2	129	47.5	18.0	17.8	11.1	26.8	11.4	14
15	5.78E	5.40E	5.83	28.2	73.0	132	44.8	17.7	17.1	10.2	23.7	11.4	15
16	5.80E	5.40E	5.86	38.7	78.8	121	44.0	18.8	18.2	9.88	21.0	10.8	16
17	5.88E	5.42E	5.88	39.8	84.3	98.8	40.6	18.7	18.7	9.88	19.8	10.3	17
18	7.00A	5.80E	6.30	38.7	84.8	80.8	37.1	17.8	18.1	9.48	18.2	9.88	18
19	6.31	5.88E	5.88	34.8	76.8	77.8	35.1	18.4	16.8	9.38	17.7	9.65	19
20	6.11	6.80E	5.36	44.3	83.4	71.1	38.0	18.4	14.1	10.1	17.8	8.40E	20
21	6.46	5.80E	6.77	71.8	87.2	81.4	38.3	23.8	13.6	14.8	16.7	7.70E	21
22	6.47	5.82E	5.88	80.8	88.4	88.8	31.7	28.3	13.1	16.8	17.8	7.40E	22
23	6.44	5.87E	5.81	88.8	84.8	86.2	28.0	23.7	12.8	16.8	16.3	8.00E	23
24	5.80E	5.78E	5.87	88.8	87.3	88.3	28.0	21.8	12.3	17.1	16.2	8.78E	24
25	4.84E	5.78E	6.11	80.1	80.2	72.0	28.7	21.3	12.2	16.8	16.7	8.80E	25
26	5.00E	5.80	6.25	48.1	88.8	70.8	28.0	23.0	12.0	15.8	14.7	9.00E	26
27	5.40E	5.42	6.88	41.1	82.8	88.7	28.8	25.8	11.8	15.1	13.2	8.02	27
28	5.88E	5.38	6.47	37.7	80.2	88.8	28.2	30.4	11.7	14.8	13.4	8.06	28
29	5.87		6.84	36.7	47.0	85.3	24.0	28.9	11.4	13.8	13.0	8.24	29
30	7.70		6.35	47.8	46.8	88.0	22.8	26.8	11.0	12.8	12.0	8.88	30
31	7.89		6.42		51.8		23.4	23.2		12.8		8.86	31
TOTAL	181.32	148.88	178.40	874.83	2 884.8	2 928.8	1 187.0	648.8	543.3	372.18	687.3	328.88	TOTAL
MEAN	5.17	5.32	5.88	28.2	88.8	97.8	37.8	20.8	18.1	12.0	18.8	10.8	MEAN
MAX	7.88	6.70	6.88	80.8	180	158	60.1	30.4	28.4	18.8	66.4	14.2	MAX
MIN	4.84	3.80	4.80	8.83	46.8	88.2	22.4	18.4	11.0	8.38	10.8	7.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.1
MAXIMUM DAILY, 180 ON MAY 8
MINIMUM DAILY, 3.80E ON FEB 4
MAXIMUM INSTANTANEOUS,
178 AT 03:08 MST ON JUN 7

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 35 N
LONG 115 21 80 W
DRAINAGE AREA, 1 830 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	16 800	JUL	101 000
FEB	12 800	AUG	58 000
MAR	16 200	SEP	48 800
APR	78 800	OCT	32 200
MAY	228 000	NOV	60 700
JUN	263 000	DEC	28 200

TOTAL DISCHARGE, 917 000 dam³

BULMAN CREEK AT THE MOUTH - STATION NO. 08NM145

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0038	0.0028	0.0038	0.0158	0.248	0.178	0.178	0	0.002	0.118	0.0038	0.003	1
2	0.0038	0.0028	0.0038	0.0148	0.241	0.184	0.173	0.001	0.027	0.113	0.0038	0.003	2
3	0.0038	0.0028	0.0038	0.0188	0.241	0.188	0.170	0.010	0.031	0.113	0.0038	0.002	3
4	0.0038	0.0028	0.0038	0.0228	0.282	0.112	0.188	0.003	0.014	0.111	0.0038	0.0038	4
5	0.0038	0.0028	0.0048	0.0268	0.398	0.080	0.184	0	0.011	0.111	0.0038	0.0038	5
6	0.0038	0.0028	0.0048	0.0338	0.484	0.113	0.181	0	0.008	0.112	0.0048	0.0038	6
7	0.0038	0.0028	0.0048	0.0328	0.471	0.082	0.180	0	0.008	0.108	0.0048	0.0038	7
8	0.0038	0.0028	0.0048	0.0328	0.427	0.075	0.188	0	0.008	0.108	0.0048	0.0038	8
9	0.0038	0.0028	0.0058	0.0338	0.372	0.088	0.187	0	0.003	0.107	0.0058	0.0038	9
10	0.0038	0.0038	0.0078	0.0358	0.380	0.088	0.188	0	0.002	0.102	0.0058	0.0038	10
11	0.0038	0.0028	0.0108	0.0288	0.488	0.083	0.188	0	0.001	0.103	0.0058	0.0038	11
12	0.0038	0.0028	0.0128	0.0438	0.480	0.171	0.188	0	0.001	0.077	0.0058	0.0038	12
13	0.0038	0.0028	0.0118	0.0438	0.358	0.172	0.188	0	0	0.088	0.0048	0.0038	13
14	0.0038	0.0028	0.0108	0.0538	0.288	0.180	0.188	0.001	0	0.088	0.0048	0.0038	14
15	0.0038	0.0038	0.0088	0.0588	0.282	0.201	0.177	0.018	0	0.084	0.0048	0.0038	15
16	0.0038	0.0038	0.0068	0.0588	0.221	0.182	0.182	0.008	0	0.083	0.0048	0.0038	16
17	0.0038	0.0038	0.0078	0.0548	0.208	0.176	0.187	0.011	0	0.083	0.0048	0.0038	17
18	0.0038	0.0038	0.0078	0.0588	0.282	0.188	0.188	0.008	0	0.083	0.0048	0.0038	18
19	0.0038	0.0038	0.0078	0.0578	0.288	0.178	0.184	0.002	0	0.083	0.004	0.0038	19
20	0.0038	0.0038	0.0088	0.0548	0.284	0.171	0.183	0	0	0.082	0.0048	0.0038	20
21	0.0038	0.0038	0.0128	0.0708	0.388	0.188	0.183	0.001	0	0.082	0.0048	0.0038	21
22	0.0038	0.0038	0.0128	0.0808	0.277	0.188	0.184	0.007	0	0.083	0.004	0.0038	22
23	0.0038	0.0038	0.0128	0.0718	0.317	0.188	0.183	0.004	0	0.083	0.0048	0.0038	23
24	0.0038	0.0038	0.0118	0.0688	0.408	0.184	0.182	0.001	0	0.010	0.0048	0.0038	24
25	0.0038	0.0038	0.0128	0.0888	0.484	0.180	0.180	0	0	0.006	0.0048	0.0038	25
26	0.0038	0.0038	0.0138	0.087	0.482	0.184	0.128	0	0	0.005	0.0048	0.0038	26
27	0.0038	0.0038	0.0148	0.084	0.440	0.187	0.013	0	0.077	0.004	0.0048	0.0038	27
28	0.0038	0.0038	0.0158	0.228	0.417	0.188	0.008	0.001	0.188	0.004	0.0048	0.0038	28
29	0.0038		0.0168	0.338	0.328	0.171	0.002	0.008	0.178	0.003	0.004	0.0038	29
30	0.0038		0.0148	0.342	0.271	0.173	0	0.002	0.118	0.003	0.004	0.0038	30
31	0.0038		0.0148		0.218		0	0.001		0.0038		0.0038	31
TOTAL	0.082	0.088	0.274	2.023	10.548	4.436	4.133	0.081	0.888	1.387	0.118	0.082	TOTAL
MEAN	0.003	0.003	0.008	0.087	0.340	0.148	0.133	0.003	0.022	0.044	0.004	0.003	MEAN
MAX	0.003	0.003	0.018	0.342	0.484	0.201	0.178	0.018	0.188	0.118	0.008	0.003	MAX
MIN	0.003	0.003	0.003	0.014	0.208	0.088	0	0	0	0.003	0.003	0.002	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.088
MAXIMUM DAILY, 0.484 ON MAY 26
MINIMUM DAILY, 0 ON JUL 30
MAXIMUM INSTANTANEOUS,
0.526 AT 16:55 PST ON MAY 11

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 00 18 N
LONG 118 15 05 W
DRAINAGE AREA, 12.7 km²
B - ICE CONDITIONS
REGULATED SINCE 1970

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 85	JUL	357
FEB	8.85	AUG	7.00
MAR	23.7	SEP	88.7
APR	178	OCT	117
MAY	911	NOV	10.2
JUN	383	DEC	7.85

TOTAL DISCHARGE, 2 080 dam³

BURRELL CREEK ABOVE GLOUCESTER CREEK - STATION NO. 08NN023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.8888	0.880E	0.488	1.45	20.2	15.7	2.89	0.382	0.878	0.240	0.951	1.83	1
2	0.8788	0.715E	0.4858	1.48	21.4	17.2	2.70	0.378	0.818	0.236	0.988	1.71	2
3	0.8788	0.730E	0.4858	1.41	20.8	16.2	2.51	0.384	0.892	0.228	1.01	1.86	3
4	0.8808	0.885E	0.4708	1.38	20.5	15.0	2.30	0.384	0.848	0.228	1.34	1.82	4
5	0.8808	0.878E	0.4858	1.47	22.9	14.8	2.07	0.368	0.830	0.233	1.18	1.84	5
6	0.8758	0.885E	0.488	1.71	27.8	13.8	1.92	0.337	0.488	0.227	1.22	1.72	6
7	0.8808	0.880E	0.470	2.24	30.6	12.4	1.72	0.317	0.458	0.218	1.30	1.48	7
8	0.8408	0.885E	0.453	2.86	28.9	11.8	1.58	0.295	0.438	0.228	1.21	1.81	8
9	0.8258	0.885E	0.452	2.88	27.0	11.2	1.48	0.342	0.481	0.220	2.01	1.85	9
10	0.8258	0.878E	0.523	3.21	32.1	10.2	1.53	0.388	0.442	0.224	2.88	1.37	10
11	0.8858	0.858E	0.808	3.86	24.0	8.88	1.48	0.311	0.421	0.237	4.81	1.88	11
12	0.8508	0.845E	0.678	5.28	18.8	7.85	1.31	0.288	0.388	0.251	3.71	1.31 B	12
13	0.8458	0.838E	0.626	7.28	14.0	7.14	1.20	0.277	0.380	0.310	3.18	1.33 B	13
14	0.8208	0.830E	0.642	10.4	12.8	6.88	1.12	0.271	0.372	0.337	2.82	1.30 B	14
15	0.8058	0.825E	0.801	14.1	12.3	9.86	1.08	0.281	0.347	0.312	2.70 E	1.27 B	15
16	0.8308	0.8208	0.788	13.8	12.8	8.87	1.08	0.345	0.343	0.272	2.88	1.28 B	16
17	0.8408	0.8258	0.780	12.8	12.8	7.78	1.01	0.348	0.341	0.252	2.47	1.24 B	17
18	0.8208	0.8208	0.788	13.0	12.8	8.80	0.918	0.328	0.380	0.250	2.38	1.19 B	18
19	0.717	0.8208	0.788	18.8	10.8	8.43	0.855	0.325	0.358	0.251	2.28	1.16 B	19
20	0.710	0.8158	0.805	21.3	9.87	8.01	0.787	0.348	0.328	0.244	2.24	1.11 B	20
21	0.7808	0.8008	0.872	24.8	8.83	8.31	0.728	0.378	0.321	0.283	2.27	1.08 B	21
22	0.717	0.8858	0.878	21.1	8.82	8.26	0.878	0.382	0.313	0.840	2.03	1.03 B	22
23	0.7788	0.8858	0.900	17.0	8.22	4.75	0.848	0.481	0.302	0.898	2.18	1.02 B	23
24	0.7788	0.851	0.820	15.1	8.88	4.28	0.805	0.380	0.284	3.48	2.18	1.04 B	24
25	0.7748	0.831	0.982	14.2	8.53	4.02	0.872	0.351	0.272	2.07	2.02	1.07	25
26	0.7708	0.830	1.12	12.6	8.77	3.85	0.838	0.488	0.288	1.80	1.91	1.08	26
27	0.781	0.478	1.31	12.1	8.87	3.44	0.808	0.488	0.281	1.83	1.83	1.08	27
28	0.713	0.488	1.41	12.7	10.0	3.18	0.491	0.818	0.252	1.33	1.78	1.01	28
29	0.844		1.48	14.4	9.87	3.01	0.471	0.483	0.248	1.18	1.71	0.977	29
30	0.823		1.48	17.0	10.5	2.83	0.443	0.428	0.248	1.13	1.88	0.848	30
31	0.801		1.48		12.9		0.418	0.404		1.01		0.945	31
TOTAL	24.853	17.478	25.282	389.02	493.87	288.27	37.988	11.428	11.722	20.157	82.837	40.248	TOTAL
MEAN	0.788	0.824	0.818	8.87	15.9	8.81	1.21	0.388	0.381	0.850	2.08	1.30	MEAN
MAX	0.880	0.730	1.48	24.8	32.1	17.2	2.88	0.818	0.878	3.48	4.81	1.84	MAX
MIN	0.801	0.478	0.452	1.38	8.82	2.83	0.418	0.271	0.248	0.218	0.951	0.845	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.88
MAXIMUM DAILY, 32.1 ON MAY 10
MINIMUM DAILY, 0.218 ON OCT 7
MAXIMUM INSTANTANEOUS,
35.7 AT 18:21 PST ON MAY 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 35 21 N
LONG 118 18 40 W
DRAINAGE AREA, 224 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 130	JUL	3 280
FEB	1 810	AUG	987
MAR	2 180	SEP	1 810
APR	28 800	OCT	1 740
MAY	42 700	NOV	8 410
JUN	22 100	DEC	3 480

TOTAL DISCHARGE, 112 000 dam³

CABIN CREEK NEAR THE MOUTH - STATION NO. 08NP004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2858	0.2508	0.2008	0.373	7.32	8.88	2.38	0.843	0.878	0.883	1.03	1.12 B	1
2	0.2808	0.1808	0.1808	0.378	8.16	10.1	2.08	0.823	3.07	0.843	0.980	1.07 B	2
3	0.2858	0.1208	0.1488	0.378	8.17	10.1	2.08	0.843	2.28	0.828	0.931	1.11 B	3
4	0.2708	0.1328	0.1288	0.388	8.88	9.71	1.80	0.824	1.78	0.838	1.18	1.20	4
5	0.1808	0.1488	0.1808	0.408	10.8	10.8	1.71	0.802	1.88	0.488	1.01	2.08	5
6	0.1808	0.1808	0.2008	0.448	10.8	11.7	1.88	0.880	1.88	0.487	0.838	2.44	6
7	0.1588	0.1808	0.2538	0.828	13.8	11.8	1.48	0.874	1.48	0.488	0.808	2.11	7
8	0.1808	0.2038	0.2708	1.07	13.3	10.4	1.38	0.882	1.31	0.493	0.880	1.88	8
9	0.1808	0.2088	0.4008	1.00	12.8	9.88	1.37	0.888	1.20	0.488	3.13	1.88	9
10	0.2008	0.2108	0.4808	0.838	11.8	9.82	1.42	0.837	1.18	0.838	18.8	1.70 B	10
11	0.2108	0.2138	0.8208	0.808	9.83	8.84	1.31	0.808	1.07	0.788	33.3	1.88 B	11
12	0.2208	0.2138	0.4808	0.888	7.81	8.04	1.24	0.878	0.884	0.888	10.1	1.47 B	12
13	0.2238	0.2128	0.4208	1.18	8.88	7.80	1.80	0.880	0.818	0.883	8.33	1.42 B	13
14	0.2188	0.2118	0.4008	1.74	8.48	7.44	1.48	0.878	0.808	0.841	4.84	1.38 B	14
15	0.2338	0.2108	0.3808	3.17	7.22	6.80	1.28	0.882	0.808	0.788	3.87	1.38 B	15
16	0.2408	0.2088	0.3208	3.72	7.88	8.83	1.23	0.881	0.781	0.713	3.85	1.33	16
17	0.2788	0.2108	0.3008	2.88	8.88	8.47	1.21	0.888	0.741	0.887	3.18	1.28 B	17
18	0.3208	0.2138	0.3208	2.48	8.20	4.78	1.12	0.878	0.741	0.838	2.88	1.24 B	18
19	0.3808	0.2178	0.3788	3.83	8.38	4.81	1.07	0.883	0.718	0.828	2.88	1.14 B	19
20	0.3148	0.2218	0.4108	8.84	8.37	4.08	1.07	0.838	0.883	1.03	4.34	1.07 B	20
21	0.3788	0.2308	0.4408	8.13	8.88	3.48	0.884	0.834	0.888	3.23	4.31	1.04 B	21
22	0.2488	0.2348	0.4518	8.82	8.81	3.38	0.878	0.838	0.842	3.03	3.47	1.04 B	22
23	0.2008	0.2358	0.423	8.80	7.98	3.28	0.828	0.878	0.835	2.15	3.23	1.08 B	23
24	0.1888	0.2348	0.424	8.28	8.88	3.10	0.784	0.882	0.832	2.18	3.88	1.05 B	24
25	0.1788	0.2328	0.400	4.73	8.84	3.84	0.787	1.20	0.803	1.78	2.88	0.8888	25
26	0.1888	0.2288	0.410	4.88	8.81	3.37	0.727	1.88	0.880	1.88	2.48	0.8308	26
27	0.2008	0.2208	0.392	3.78	8.88	3.00	0.728	1.84	0.881	1.42	2.24	0.838	27
28	0.2208	0.2128	0.387	3.88	4.88	2.74	0.733	1.77	0.888	1.28	2.11	0.881	28
29	0.2588		0.388	4.10	4.38	2.88	0.878	1.84	0.880	1.28	1.88 B	0.834	29
30	0.2888		0.388	8.81	4.24	2.83	0.882	1.28	0.888	1.13	1.23 B	0.782	30
31	0.3288		0.378		8.84		0.848	1.87		1.88		0.783	31
TOTAL	7.228	5.782	10.778	88.871	240.78	187.78	38.182	24.287	30.880	32.711	133.883	42.828	TOTAL
MEAN	0.233	0.208	0.348	2.88	7.77	8.88	1.23	0.784	1.03	1.08	4.88	1.38	MEAN
MAX	0.388	0.258	0.528	8.82	13.8	11.7	2.38	1.87	3.07	3.23	33.3	3.08	MAX
MIN	0.158	0.128	0.128	0.388	4.38	2.83	0.848	0.838	0.888	0.488	0.880	0.783	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.38
MAXIMUM DAILY, 33.3 ON NOV 11
MINIMUM DAILY, 0.1288 ON FEB 3
MAXIMUM INSTANTANEOUS,
41.8 AT 23:55 MST ON NOV 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 38 N
LONG 114 33 11 W
DRAINAGE AREA, 83.2 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	835	JUL	3 300
FEB	497	AUG	3 100
MAR	831	SEP	3 870
APR	7 480	OCT	3 830
MAY	20 800	NOV	10 800
JUN	17 100	DEC	3 700

TOTAL DISCHARGE, 73 900 dam³

CADDEN CREEK ABOVE DIVERSIONS - STATION NO. 08NJ184

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.034	0.027	0.025	0.051	0.206	0.156	0.080	0.048	0.082	---	---	---	1
2	0.034	0.024	0.026	0.048	0.208	0.155	0.078	0.051	0.084	---	---	---	2
3	0.035	0.022	0.026	0.046	0.210	0.146	0.080	0.052	0.082	---	---	---	3
4	0.035	0.022	0.025	0.048	0.208	0.145	0.080	0.051	0.081	---	---	---	4
5	0.037	0.024	0.025	0.049	0.210	0.143	0.078	0.048	0.081	---	---	---	5
6	0.035	0.026	0.026	0.049	0.210	0.141	0.077	0.048	0.081	---	---	---	6
7	0.032	0.027	0.026	0.051	0.210	0.141	0.075	0.048	0.049	---	---	---	7
8	0.032	0.026	0.025	0.052	0.208	0.143	0.073	0.048	0.048	---	---	---	8
9	0.034	0.026	0.026	0.050	0.208	0.143	0.073	0.048	0.048	---	---	---	9
10	0.032	0.026	0.027	0.048	0.208	0.141	0.072	0.048	0.048	---	---	---	10
11	0.032	0.030	0.027	0.106	0.203	0.138	0.070	0.048	0.048	---	---	---	11
12	0.032	0.028	0.028	0.114	0.198	0.134	0.068	0.048	0.045	---	---	---	12
13	0.034	0.030	0.030	0.143	0.196	0.132	0.068	0.048	0.048	---	---	---	13
14	0.034	0.026	0.031	0.189	0.196	0.132	0.068	0.048	0.048	---	---	---	14
15	0.034	0.027	0.032	0.213	0.173	0.134	0.063	0.049	0.045	---	---	---	15
16	0.035	0.028	0.032	0.215	0.182	0.139	0.077	0.048	0.048	---	---	---	16
17	0.035	0.026	0.034	0.220	0.178	0.135	0.077	0.048	0.048	---	---	---	17
18	0.035	0.025	0.032	0.225	0.173	0.130	0.068	0.048	0.048	---	---	---	18
19	0.034	0.027	0.032	0.228	0.168	0.134	0.068	0.048	0.048	---	---	---	19
20	0.032	0.027	0.032	0.230	0.167	0.118	0.063E	0.049	0.045	---	---	---	20
21	0.032	0.026	0.032	0.235	0.165	0.116	0.057E	0.051	0.044	---	---	---	21
22	0.032	0.027	0.034	0.235	0.167	0.112	0.054E	0.052	0.041	---	---	---	22
23	0.031	0.026	0.036	0.233	0.213	0.106	0.052	0.052	0.041	---	---	---	23
24	0.030	0.026	0.038	0.218	0.188	0.108	0.048	0.051	0.041	---	---	---	24
25	0.031	0.027	0.038	0.218	0.167	0.103	0.048	0.051	0.041	---	---	---	25
26	0.031	0.027	0.042	0.210	0.189	0.099	0.048	0.051	0.038	---	---	---	26
27	0.031	0.027	0.044	0.203	0.188	0.095	0.048	0.052	0.038	---	---	---	27
28	0.031	0.026	0.048	0.198	0.187	0.090	0.048	0.052	0.038	---	---	---	28
29	0.031		0.048	0.194	0.184	0.088	0.048	0.052	0.041	---	---	---	29
30	0.032		0.048	0.188	0.182	0.084	0.048	0.051	0.038	---	---	---	30
31	0.030		0.051		0.180		0.048	0.052		---	---	---	31
TOTAL	1.018	0.747	1.027	4.888	5.831	3.771	2.005	1.845	1.387	---	---	---	TOTAL
MEAN	0.033	0.027	0.033	0.152	0.188	0.126	0.065	0.060	0.048	---	---	---	MEAN
MAX	0.037	0.030	0.051	0.235	0.213	0.155	0.080	0.052	0.084	---	---	---	MAX
MIN	0.030	0.022	0.025	0.048	0.145	0.084	0.048	0.048	0.038	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.235 ON APR 21

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 04 42 N
LONG 117 28 08 W
DRAINAGE AREA, 5.70 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	88.0	JUL	173
FEB	64.5	AUG	133
MAR	88.7	SEP	116
APR	385	OCT	---
MAY	504	NOV	---
JUN	326	DEC	---

CAMP CREEK AT MOUTH NEAR THIRSK - STATION NO. 08NM134

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.026	0.023E	0.030E	0.037	0.488A	0.788	0.174	0.088	0.085	0.050	0.048	0.064	1
2	0.024	0.021E	0.030E	0.034	0.640	0.713	0.169	0.085	0.085	0.048	0.050	0.077	2
3	0.024	0.023E	0.030E	0.034	0.782	0.631	0.173	0.084	0.087	0.044	0.130	0.070	3
4	0.025	0.028E	0.030E	0.034	0.758	0.526	0.154	0.089	0.078	0.043	0.134	0.070	4
5	0.025	0.027E	0.030E	0.034	0.776	0.477	0.140	0.087	0.089	0.048	0.093	0.078	5
6	0.025	0.028E	0.030E	0.035	0.777	0.438	0.130	0.088	0.083	0.047	0.082	0.088	6
7	0.025	0.030E	0.030	0.048	0.820	0.387	0.119	0.084	0.088	0.048	0.078	0.078	7
8	0.026	0.030E	0.030	0.068	0.805	0.365	0.116	0.078	0.084	0.048	0.071	0.072	8
9	0.027	0.030E	0.030	0.059	0.832	0.328	0.111	0.073	0.082	0.048	0.071	0.070	9
10	0.027	0.030E	0.030	0.058	0.838	0.302	0.104	0.081	0.084	0.084	0.089	0.082	10
11	0.026	0.030E	0.030	0.068	0.771	0.272	0.104	0.087	0.088	0.052	0.123	0.122	11
12	0.026	0.030E	0.030	0.080	0.631	0.257	0.128	0.087	0.088	0.048	0.108	0.101	12
13	0.026	0.030E	0.030	0.136	0.535	0.241	0.139	0.086	0.086	0.048	0.087	0.078	13
14	0.026	0.030E	0.030	0.214	0.485	0.238	0.141	0.080	0.088	0.048	0.081	0.088	14
15	0.028	0.030E	0.030	0.318	0.472	0.238	0.150	0.081	0.088	0.050	0.080	0.073	15
16	0.028	0.030E	0.030	0.477	0.480	0.212	0.173	0.108	0.082	0.048	0.082	0.088	16
17	0.028	0.030E	0.028	0.487	0.481	0.210	0.157	0.084	0.084	0.051	0.081	0.070	17
18	0.028	0.030E	0.028	0.483	0.483	0.188	0.150	0.080	0.088	0.048	0.080	0.102	18
19	0.026	0.030E	0.032	0.485	0.484	0.208	0.132	0.081	0.083	0.050	0.078	0.081	19
20	0.029	0.030E	0.033	0.503	0.430	0.188	0.116	0.083	0.083	0.048	0.085	0.088	20
21	0.026	0.030E	0.033	0.524	0.393	0.185	0.110	0.080	0.084	0.048	0.084	0.085	21
22	0.026	0.030E	0.030	0.538	0.370	0.183	0.108	0.088	0.082	0.047	0.084	0.085	22
23	0.026	0.030E	0.028	0.508	0.371	0.182	0.102	0.083	0.081	0.050	0.081	0.088	23
24	0.026	0.030E	0.028	0.487	0.428	0.162	0.088	0.085	0.081	0.057	0.084	0.088	24
25	0.027	0.030E	0.028	0.480	0.456	0.137	0.092	0.083	0.080	0.048	0.083	0.081	25
26	0.027	0.030E	0.028	0.480	0.477	0.138	0.087	0.088	0.081	0.080	0.087	0.080	26
27	0.027	0.030E	0.030	0.458	0.515	0.127	0.088	0.070	0.082	0.084	0.078	0.080	27
28	0.027	0.030E	0.030	0.460	1.07	0.124	0.080	0.088	0.080	0.048	0.077	0.082	28
29	0.027		0.033	0.530	0.823	0.126	0.088	0.088	0.080	0.048	0.074	0.080	29
30	0.027		0.038	0.520	0.670	0.140	0.084	0.088	0.048	0.047	0.077	0.082	30
31	0.0298		0.038		0.808		0.070	0.072		0.047		0.081	31
TOTAL	0.834	0.808	0.843	8.818	20.034	8.685	3.980	2.217	1.771	1.506	2.875	2.348	TOTAL
MEAN	0.027	0.028	0.030	0.297	0.646	0.287	0.128	0.072	0.058	0.048	0.088	0.073	MEAN
MAX	0.029	0.030	0.038	0.524	1.07	0.788	0.180	0.108	0.085	0.057	0.130	0.122	MAX
MIN	0.024	0.021	0.028	0.034	0.370	0.124	0.070	0.057	0.048	0.043	0.048	0.088	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.148
MAXIMUM DAILY, 1.07 ON MAY 28
MINIMUM DAILY, 0.0218 ON FEB 7
MAXIMUM INSTANTANEOUS,
1.30 AT 00 01 PST ON MAY 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 43 40 N
LONG 120 00 30 W
DRAINAGE AREA, 33.9 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	73.1	JUL	343
FEB	66.6	AUG	182
MAR	81.6	SEP	153
APR	771	OCT	130
MAY	1 730	NOV	232
JUN	743	DEC	184

TOTAL DISCHARGE, 4 700 dam³

CAMPBELL RIVER ABOVE SAM HILL CREEK - STATION NO. 08MH123

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.308	0.824	---	---	---	0.074E	0.187	---	1
2	---	---	---	---	0.326	0.382	---	0.135	---	0.073E	---	---	2
3	---	---	---	---	0.326	0.302	---	---	---	0.072E	---	---	3
4	---	---	---	---	0.326	0.273	---	---	---	0.074E	---	---	4
5	---	---	---	---	0.326	0.264	---	---	0.071	0.077E	---	---	5
6	---	---	---	---	0.326	---	---	---	0.087	0.078E	2.43	---	6
7	---	---	---	---	0.326	---	---	---	0.082	0.074E	---	---	7
8	---	---	---	---	0.326	---	---	---	0.088	0.080E	---	---	8
9	---	---	---	---	0.326	---	---	---	0.088	0.080E	---	---	9
10	---	---	---	---	0.326	---	---	---	0.088	0.140E	---	---	10
11	---	---	---	---	0.308	---	---	---	0.087	0.185	---	---	11
12	---	---	---	---	0.308	---	---	---	0.087	0.141	---	---	12
13	---	---	---	---	0.308	---	---	---	0.088	0.201	---	---	13
14	---	---	---	---	0.293	---	---	---	0.070	0.170	---	---	14
15	---	---	---	---	0.293	---	---	---	0.070	0.138	---	---	15
16	---	---	---	---	0.288	---	---	---	0.080	0.113	---	---	16
17	---	---	---	---	0.308	---	---	---	0.073	0.113	---	---	17
18	---	---	---	---	0.413	---	---	---	0.071	0.148	---	---	18
19	---	---	---	---	0.376	---	---	---	0.082	0.141	---	---	19
20	---	---	---	---	0.343	---	---	---	0.071	0.141	---	---	20
21	---	---	---	---	0.277	---	---	---	0.074	0.154	---	---	21
22	---	---	---	---	0.248	---	---	---	0.072	0.141	---	---	22
23	---	---	---	---	0.308	---	---	---	0.070	0.187	---	---	23
24	---	---	---	---	0.452	---	---	---	0.072	0.318	---	---	24
25	---	---	---	---	0.880	---	---	---	0.077	0.187	---	---	25
26	---	---	---	---	1.07	---	---	---	0.100	0.343	---	---	26
27	---	---	---	0.480	1.38	---	---	---	0.080	0.254	---	---	27
28	---	---	---	---	1.21	---	---	---	0.076	0.185	---	---	28
29	---		---	---	1.07	---	---	---	0.073	0.173	---	---	29
30	---		---	---	0.782	0.182	---	---	0.073	0.182	---	---	30
31	---		---		0.806		---	---		0.187		---	31
TOTAL	---	---	---	---	14.477	---	---	---	---	4.810	---	---	TOTAL
MEAN	---	---	---	---	0.467	---	---	---	---	0.148	---	---	MEAN
MAX	---	---	---	---	1.38	---	---	---	---	0.343	---	---	MAX
MIN	---	---	---	---	0.248	---	---	---	---	0.072	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 01 38 N
LONG 122 42 51 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	388
MAY	1 250	NOV	---
JUN	---	DEC	---

CANOE RIVER BELOW KIMMEL CREEK - STATION NO. 08HC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.700	1.800	1.330	1.530	12.0	28.4	32.0	56.4	19.7	9.78	4.07	4.068	1
2	2.688	1.788	1.330	1.560	13.7	31.0	26.5	53.3	17.6	8.12	4.01	4.108	2
3	2.688	1.716	1.330	1.620	13.0	31.0	32.4	45.7	17.6	8.21	4.28	4.288	3
4	2.628	1.668	1.330	1.800	14.4	36.3	28.8	48.1	23.8	8.88	4.69	4.278	4
5	2.598	1.668	1.330	1.830	16.8	42.6	27.2	49.8	16.3	10.2	4.81	4.230	5
6	2.598	1.638	1.348	1.848	22.4	43.7	26.5	57.2	14.4	8.26	4.32	4.108	6
7	2.688	1.618	1.358	1.668	24.0	37.2	28.7	60.3	17.1	8.60	4.11	3.888	7
8	2.678	1.628	1.328	1.728	23.2	28.8	28.4	58.8	16.0	8.37	3.98	3.608	8
9	2.668	1.628	1.318	1.788	26.7	48.4	26.7	58.4	13.8	8.07	5.14	3.858	9
10	2.628	1.618	1.318	1.818	29.8	43.2	32.8	47.4	13.8	12.2	16.8	3.808	10
11	2.618	1.598	1.338	1.858	28.8	46.8	28.3	44.8	15.2	7.36	6.33	3.378	11
12	2.468	1.688	1.338	2.108	18.0	48.8	28.4	46.8	18.7	8.87	6.408	3.278	12
13	2.448	1.588	1.348	2.218	16.3	68.4	48.7	81.7	22.8	8.68	5.888	3.278	13
14	2.388	1.588	1.388	2.308	15.3	84.2	88.3	47.0	21.7	8.24	5.428	3.348	14
15	2.348	1.588	1.388	2.368	15.8	72.9	68.3	42.8	16.3	4.73	5.088	3.388	15
16	2.288	1.868	1.388	2.478	17.5	47.8	52.8	34.1	13.1	4.38	4.828	3.328	16
17	2.328	1.848	1.408	2.688	18.4	38.7	47.1	28.8	10.6	4.80	4.688	3.288	17
18	2.178	1.808	1.418	2.818	17.8	32.5	47.0	28.8	8.32	6.88	4.888	3.188	18
19	2.118	1.488	1.418	3.218	14.2	28.8	48.1	34.7	7.78	6.87	4.888	3.138	19
20	2.088	1.478	1.408	3.478	12.8	24.8	50.8	34.1	8.48	8.82	4.588	3.078	20
21	2.018	1.468	1.388	3.718	11.7	24.2	48.2	40.7	11.7	7.80	4.488	2.988	21
22	1.988	1.488	1.388	4.288	11.2	27.8	38.8	40.1	13.8	7.88	4.448	2.888	22
23	1.848	1.488	1.378	4.808	11.8	31.6	32.1	39.0	17.0	8.01	4.408	2.878	23
24	1.838	1.448	1.388	5.308	12.8	34.7	32.0	27.8	18.4	7.84	4.388	2.828	24
25	1.818	1.438	1.348	8.008	12.8	38.3	34.2	28.8	17.8	8.41	4.368	2.988	25
26	1.838	1.418	1.388	8.80	12.8	42.8	38.8	28.3	18.3	8.82	4.288	2.868	26
27	1.838	1.388	1.388	7.14	12.0	38.4	81.4	23.7	18.7	8.48	4.208	2.888	27
28	1.868	1.388	1.388	6.72	11.8	24.8	48.8	18.1	16.8	4.83	4.248	3.008	28
29	2.038		1.418	10.3	12.8	22.8	82.5	17.2	16.8	4.48	4.208	3.088	29
30	2.138		1.488	11.8	16.3	30.8	82.8	16.3	16.8	4.45	4.168	2.998	30
31	2.038		1.508		21.8		86.8	18.1		4.22		2.898	31
TOTAL	70.82	43.82	42.26	110.22	514.0	1 173.2	1 281.8	1 226.0	477.70	215.66	166.34	105.06	TOTAL
MEAN	2.36	1.56	1.36	3.67	16.6	39.1	40.7	39.6	15.9	6.96	5.31	3.39	MEAN
MAX	2.70	1.80	1.50	11.8	29.9	84.2	88.3	80.3	23.8	13.2	16.8	4.26	MAX
MIN	1.81	1.38	1.31	1.53	11.2	22.8	26.5	17.2	7.78	4.22	3.98	2.87	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.8
MAXIMUM DAILY, 84.2 ON JUN 14
MINIMUM DAILY, 1.218 ON MAR 8
MAXIMUM INSTANTANEOUS,
87.8 AT 23:57 PST ON JUN 14

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 43 41 N
LONG 119 24 30 W
DRAINAGE AREA, 388 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 130	JUL	109 000
FEB	3 770	AUG	106 000
MAR	3 850	SEP	41 300
APR	9 520	OCT	18 700
MAY	44 400	NOV	13 800
JUN	101 000	DEC	9 080

TOTAL DISCHARGE, 466 000 dam³

CANYON CREEK NEAR SMITHERS - STATION NO. 08EE014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.235B	0.090B	0.041B	0.105B	9.60	10.8	0.874	0.290	0.249	0.520	0.480	0.805	1
2	0.210B	0.078B	0.041B	0.115B	11.5	9.07	0.888	0.280	0.238	0.484	0.457	0.849	2
3	0.192B	0.068B	0.041B	0.125B	11.6	8.77	0.800	0.282	0.234	0.451	0.454	0.874	3
4	0.180B	0.064B	0.041B	0.140B	11.1	8.76	0.848	0.280	0.242	0.424	0.480	0.866	4
5	0.178B	0.061B	0.041B	0.140B	12.0	9.34	0.874	0.282	0.238	0.438	0.460	0.874	5
6	0.178B	0.058B	0.042B	0.141B	12.6	7.37	0.827	0.336	0.230	0.472	0.460	0.739	6
7	0.178B	0.058B	0.042B	0.175B	13.6	5.64	0.794	0.336	0.234	0.464	0.478	0.828	7
8	0.180B	0.057B	0.044B	0.270B	13.6	5.27	0.805	0.332	0.224	0.460	0.480	0.840	8
9	0.184B	0.056B	0.048B	0.343	12.6	5.24	0.930	0.330	0.227	0.448	0.400	0.820	9
10	0.200B	0.055B	0.048B	0.545	10.7	4.14	1.13	0.325	0.171	0.332	0.343	0.810	10
11	0.230B	0.054B	0.049B	0.805	9.11	3.72	0.885	0.301	0.149	0.330	0.320	0.820	11
12	0.230B	0.052B	0.048B	0.930	8.50	4.27	0.722	0.284	0.123	0.326	0.316	0.820	12
13	0.212B	0.051B	0.048B	1.27	8.10	4.08	0.640	0.451	0.107	0.322	0.288	0.590	13
14	0.208B	0.050B	0.047B	1.66	6.80	4.08	0.605	0.380	0.109	0.324	0.284	0.665	14
15	0.188B	0.049B	0.047B	3.23	6.78	3.91	0.646	0.323	0.118	0.338	0.248	0.632	15
16	0.150B	0.048B	0.048B	3.12	6.39	2.39	0.457	0.345	0.114	0.484	0.280	0.484	16
17	0.136B	0.048B	0.048B	3.02	5.80	2.26	0.424	0.329	0.111	0.508	0.288	0.454	17
18	0.129B	0.047B	0.048B	4.17	5.60	1.81	0.433	0.328	0.111	0.600	0.278	0.430	18
19	0.127B	0.048B	0.048B	4.35	4.95	1.48	0.480	0.312	0.109	0.506	0.343	0.415	19
20	0.128B	0.045B	0.049B	5.42	4.74	1.19	0.412	0.288	0.115	0.560	0.536	0.400B	20
21	0.120B	0.047B	0.050B	6.07	2.97	1.13	0.397	0.272	0.111	0.365	1.05	0.380B	21
22	0.115B	0.052B	0.052B	5.46	4.22	1.05	0.370	0.205	0.128	0.387	1.03	0.386B	22
23	0.112B	0.058B	0.054B	5.46	4.46	1.10	0.328	0.183	0.158	0.365	0.979	0.382B	23
24	0.110B	0.050B	0.056B	5.60	4.14	1.07	0.330	0.170	0.207	0.430	0.986	0.600B	24
25	0.128B	0.045B	0.060B	5.38	4.84	1.06	0.308	0.178	0.193	0.484	0.851	0.600B	25
26	0.147B	0.043B	0.064B	6.32	4.66	1.09	0.302	0.176	0.182	0.457	0.930	1.01 B	26
27	0.140B	0.041B	0.070B	6.66	4.62	1.09	0.370	0.184	0.194	0.445	0.902	1.04 B	27
28	0.132B	0.041B	0.074B	7.83	5.24	1.07	0.480	0.185	0.171	0.430	0.885	1.00 B	28
29	0.128B		0.082B	7.71	6.10	0.978	0.381	0.174	0.228	0.451	0.643	0.860B	29
30	0.120B		0.086B	8.43	9.03	0.849	0.343	0.229	0.280	0.494	0.780	0.790B	30
31	0.105B		0.095B		12.5		0.300	0.211		0.468		0.710B	31
TOTAL	4.970	1.514	1.646	95.184	243.40	115.116	18.303	8.505	5.276	13.506	16.593	20.624	TOTAL
MEAN	0.160	0.054	0.053	3.17	7.85	3.84	0.590	0.274	0.176	0.436	0.553	0.665	MEAN
MAX	0.230	0.090	0.095	8.43	13.6	10.8	1.13	0.451	0.280	0.600	1.05	1.04	MAX
MIN	0.105	0.041	0.041	0.105	2.97	0.849	0.300	0.170	0.107	0.322	0.248	0.382	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.49
MAXIMUM DAILY, 13.6 ON MAY 7
MINIMUM DAILY, 0.041B ON FEB 27

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 47 54 N
LONG 127 08 41 W
DRAINAGE AREA, 258 km²

B - ICE CONDITIONS

REGULATED SINCE 1973

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	429	JUL	1 580
FEB	131	AUG	735
MAR	142	SEP	456
APR	8 220	OCT	1 170
MAY	21 000	NOV	1 430
JUN	9 950	DEC	1 780

TOTAL DISCHARGE, 47 100 dam³

CAPILANO RIVER ABOVE INTAKE - STATION NO. 08GA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.2	18.5 B	5.78	18.8	39.1	35.3	84.0	5.74	2.64	1.38	7.02	7.88	1
2	8.42	10.7 B	5.75	15.9	33.1	42.9	46.9	4.64	2.48	1.35	6.03	27.8	2
3	73.0	8.23B	5.02	15.2	32.7	41.6	33.8	3.84	2.30	1.32	39.2	105	3
4	32.5	7.31B	4.86	15.9	35.2	38.6	22.0	3.57	2.20	1.30	59.0	138	4
5	14.7	6.08B	19.9	24.4	40.6	37.9	16.1	3.23	2.14	1.34	20.3	31.4	5
6	9.21	4.81B	31.8	44.5	47.7	30.1	12.3	3.04	2.04	1.33	43.3	22.0	6
7	8.47	4.37B	15.7	39.5	46.1	25.7	11.4	2.90	1.95	1.30	27.9	32.1	7
8	5.40	3.98B	12.8	24.0	41.0	25.2	10.9	2.77	1.88	1.31	77.2	46.1	8
9	4.65	3.74B	15.4	18.9	34.1	21.3	9.52	2.63	1.80	1.30	250	22.3	9
10	4.10	3.57B	41.2	20.2	26.6	19.2	10.1	2.43	1.75	1.64	114	14.8	10
11	3.83	3.28B	51.3	24.7	18.4	22.8	9.14	2.22	1.70	17.5	31.8	10.5	11
12	8.02	3.11B	46.1	30.0	14.0	22.4	8.98	2.10	1.65	18.0	18.8	8.61	12
13	14.9	2.88B	26.3	36.2	12.9	24.1	8.73	2.00	1.61	7.78	14.7	7.19	13
14	5.65	2.86B	16.5	48.6	16.6	38.3	6.04	2.91	1.58	5.62	11.8	6.62	14
15	5.02	2.53B	13.6	42.6	22.7	19.0	7.18	2.83	1.57	3.84	9.23	5.98	15
16	35.7	2.49B	11.4	39.6	24.7	14.1	8.80	2.80	1.61	3.13	9.76	5.83	16
17	23.6	2.46B	9.73	23.3	24.5	15.4	16.0	2.58	2.18	2.66	11.0	4.85	17
18	14.5	2.41B	9.11	24.7	24.7	16.3	11.6	2.31	1.85	11.1	10.9	4.45	18
19	9.33	2.33B	8.48	33.1	17.6	20.0	8.32	2.18	1.87	21.4	25.8	4.15	19
20	7.73	2.27B	8.11	64.3	13.7	18.1	6.89	3.24	1.59	32.9	41.8	3.95	20
21	6.18	2.39B	20.8	34.7	11.9	12.3	5.81	13.2	1.53	81.9	26.4	3.93	21
22	5.10	87.6 B	18.3	23.0	11.5	13.2	5.12	21.9	1.48	89.5	16.6	4.03	22
23	4.83	56.0	12.5	16.2	13.1	16.8	4.80	11.0	1.46	97.7	20.4	4.93	23
24	3.93	28.2	10.4	18.8	19.7	16.1	4.52	6.43	1.43	109	18.5	4.53	24
25	3.46	16.5	12.7	26.3	15.0	18.4	4.29	4.82	1.41	41.1	15.7	4.31	25
26	3.28	11.7	25.1	30.1	47.2	15.7	4.18	5.02	1.66	142	11.7	4.02	26
27	3.66	9.40	41.5	28.9	84.0	12.1	3.84	4.00	1.71	44.3	10.6	4.05	27
28	3.29	8.04	25.2	30.5	27.1	14.5	3.59	3.42	1.66	21.9	13.0	3.72	28
29	6.19		17.6	38.4	25.4	13.2	3.35	3.10	1.47	14.4	10.7	3.64	29
30	99.3		14.4	43.1	23.5	20.6	3.21	2.90	1.42	10.8	8.94	3.48	30
31	40.4		16.7		26.7		3.18	2.83		6.36		7.38	31
TOTAL	494.10	320.52	574.64	880.9	839.5	681.1	387.83	139.76	53.31	776.47	984.88	553.03	TOTAL
MEAN	15.9	11.4	18.5	29.4	27.1	22.7	12.5	4.51	1.78	25.0	32.8	17.8	MEAN
MAX	99.3	87.6	51.3	64.3	84.0	42.9	84.0	21.9	2.64	142	250	138	MAX
MIN	3.28	2.27	4.86	15.2	11.5	12.1	3.18	2.00	1.41	1.30	6.03	3.48	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.2
MAXIMUM DAILY, 250 ON NOV 9
MINIMUM DAILY, 1.30 ON OCT 4
MAXIMUM INSTANTANEOUS,
409 AT 21:45 PST ON NOV 9

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 23 46 N
LONG 123 08 40 W
DRAINAGE AREA, 172 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	42 700	JUL	34 400
FEB	27 700	AUG	12 100
MAR	49 700	SEP	4 610
APR	76 100	OCT	67 100
MAY	72 500	NOV	85 100
JUN	58 800	DEC	47 800

TOTAL DISCHARGE, 575 000 dam³

CARBONATE CREEK NEAR MCMURDO - STATION NO. 08NA037

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.172	0.189	0.135	0.072	0.086	0.071	---	---	1
2	---	---	---	---	0.177	0.218	0.126	0.077	0.106	0.070	---	---	2
3	---	---	---	---	0.170	0.218	0.117	0.078	0.106	0.071	---	---	3
4	---	---	---	---	0.161	0.237	0.117	0.072	0.104	0.088	---	---	4
5	---	---	---	0.088A	0.189	0.273	0.111	0.088	0.102	0.088	---	---	5
6	---	---	---	0.077	0.185	0.302	0.105	0.088	0.099	0.070A	---	---	6
7	---	---	---	0.088	0.221	0.284	0.103	0.088	0.088	---	---	---	7
8	---	---	---	0.079	0.237	0.263	0.100	0.086	0.088	---	---	---	8
9	---	---	---	0.078	0.269	0.188	0.099	0.072	0.099	---	---	---	9
10	---	---	---	0.083	0.272	0.185	0.107	0.070	0.088	---	---	---	10
11	---	---	---	0.087	0.267	0.177	0.105	0.088	0.088	---	---	---	11
12	---	---	---	0.080	0.221	0.175	0.098	0.084	0.100	---	---	---	12
13	---	---	---	0.080	0.187	0.177	0.094	0.084	0.099	---	---	---	13
14	---	---	---	0.085	0.185	0.181	0.090	0.082	0.099	---	---	---	14
15	---	---	---	0.084	0.183	0.185	0.087	0.084	0.097	---	---	---	15
16	---	---	---	0.085	0.180	0.235	0.083	0.082	0.087	---	---	---	16
17	---	---	---	0.082	0.178	0.212	0.082	0.073	0.085	---	---	---	17
18	---	---	---	0.088	0.176	0.198	0.087	0.071	0.081	---	---	---	18
19	---	---	---	0.103	0.169	0.185	0.082	0.078	0.088	---	---	---	19
20	---	---	---	0.108	0.162	0.181	0.088	0.075	0.087	---	---	---	20
21	---	---	---	0.118	0.153	0.175	0.084	0.072	0.082	---	---	---	21
22	---	---	---	0.124	0.149	0.168	0.080	0.074	0.081	---	---	---	22
23	---	---	---	0.131	0.145	0.159	0.078	0.074	0.080	---	---	---	23
24	---	---	---	0.133	0.154	0.156	0.077	0.072	0.078	---	---	---	24
25	---	---	---	0.134	0.158	0.147	0.078	0.073	0.078	---	---	---	25
26	---	---	---	0.133	0.148	0.148	0.075	0.078	0.078	---	---	---	26
27	---	---	---	0.138	0.143	0.145	0.074	0.077	0.076	---	---	---	27
28	---	---	---	0.136	0.140	0.139	0.073	0.085	0.075	---	---	---	28
29	---		---	0.132	0.138	0.138	0.072	0.085	0.074	---	---	---	29
30	---		---	0.141	0.143	0.139	0.070	0.084	0.072	---	---	---	30
31	---		---		0.183		0.070	0.087		---		---	31
TOTAL	---	---	---	---	5.613	5.709	2.888	2.271	2.722	---	---	---	TOTAL
MEAN	---	---	---	---	0.181	0.190	0.093	0.073	0.091	---	---	---	MEAN
MAX	---	---	---	---	0.272	0.302	0.135	0.087	0.106	---	---	---	MAX
MIN	---	---	---	---	0.138	0.138	0.070	0.082	0.072	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.302 ON JUN 6

MAXIMUM INSTANTANEOUS,
0.326 AT 02:59 MST ON JUN 6

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 08 35 N
LONG 116 44 23 W
DRAINAGE AREA, 8.03 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	248
FEB	---	AUG	188
MAR	---	SEP	235
APR	---	OCT	---
MAY	486	NOV	---
JUN	483	DEC	---

CARIBOO RIVER BELOW KANGAROO CREEK - STATION NO 08KH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.0B	15.0B	15.0B	15.5	194	188	180	107	78.7	50.5	42.4	52.5	1
2	20.5B	12.0B	15.0B	15.4	181	214	165	112	76.5	51.0	43.0	51.7	2
3	20.5B	11.0B	15.0B	15.4	184	234	154	132	72.4	49.7	52.5	51.5	3
4	20.5B	11.0B	15.5B	16.2	189	249	154	143	71.5	47.5	59.5	54.1	4
5	21.0B	11.0B	16.0B	15.5	178	262	147	139	74.3	48.3	55.5	54.5	5
6	21.0B	11.5B	15.5B	15.9	195	275	179	132	75.5	43.4	50.5	54.0	6
7	21.0B	12.0B	17.0B	15.7	216	278	169	126	74.0	41.5	75.5	52.5	7
8	21.0B	12.5B	17.0B	15.4	238	271	155	127	70.4	40.2	71.1	52.4	8
9	21.0B	13.0B	17.2B	15.5	255	255	161	126	67.3	38.5	72.5	50.7	9
10	21.0B	13.5B	17.4	17.5	264	255	155	127	64.1	38.5	91.2	49.2	10
11	21.0B	14.0B	16.5	19.4	302	260	151	138	61.0	39.2	88.5	44.5	11
12	21.0B	14.5B	16.3B	21.5	297	258	149	122	58.3	39.3	89.5	43.0	12
13	21.0B	15.0B	16.2	24.1	289	264	147	117	58.5	39.2	84.5	45.0	13
14	20.5B	15.0B	15.5	28.3	262	263	152	115	55.3	39.0	89.5	45.7	14
15	20.5B	15.5B	15.5	33.2	219	302	155	116	54.5	38.5	83.5	45.1	15
16	20.5B	15.0B	15.4B	38.5	211	315	157	115	54.3	37.5	80.2	43.5	16
17	20.5B	15.0B	15.2B	38.0	214	300	154	110	53.5	38.5	78.1	42.1	17
18	20.4	15.5B	15.0B	40.5	218	288	178	108	50.4	38.3	75.5	38.3	18
19	19.5	15.5B	14.5	45.5	216	238	188	104	50.2	38.0	79.2	38.2	19
20	19.0	15.0B	15.1	50.2	302	230	181	103	50.3	38.3	78.5	38.5B	20
21	18.5	15.5B	15.1	53.5	185	208	154	108	48.7	38.5	75.3	38.0B	21
22	18.0B	17.0B	14.5	53.5	188	194	161	119	48.4	40.3	73.1	34.5B	22
23	18.0B	18.0B	15.0	54.4	188	183	143	122	48.4	43.3	71.2	38.1	23
24	18.0B	18.5B	14.5	54.3	180	177	132	116	48.3	48.0	68.5	38.5	24
25	18.0B	18.5B	15.0	56.4	163	174	138	110	48.3	51.5	68.4	38.5	25
26	18.0B	18.0B	15.2	58.4	144	181	117	102	48.3	51.5	63.0	40.2	26
27	17.7	17.0B	15.5	58.5	148	198	108	96.1	49.1	50.5	59.5	42.4	27
28	17.4	16.0B	15.5	105	141	201	105	89.7	49.1	49.4	57.7	43.3	28
29	17.0B		15.5	118	138	190	107	84.5	48.7	46.5	56.0	43.5	29
30	16.5B		15.0	135	145	178	109	80.2	49.5	45.5	53.5	43.5	30
31	16.0B		15.4		183		108	78.7		44.1		43.1	31
TOTAL	606.0	418.0	488.7	1 535.3	6 081	7 088	4 774	3 511.3	1 769.3	1 340.7	2 223.4	1 378.5	TOTAL
MEAN	19.5	14.5	15.7	51.2	196	236	154	113	58.5	43.2	74.1	44.5	MEAN
MAX	21.0	18.5	17.4	138	302	315	188	143	78.7	51.5	89.5	54.5	MAX
MIN	16.0	11.0	14.5	16.2	139	174	108	78.7	48.7	38.3	42.4	34.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 85.5
MAXIMUM DAILY, 319 ON JUN 18
MINIMUM DAILY, 11.0B ON FEB 3
MAXIMUM INSTANTANEOUS,
319 AT 19:30 PST ON JUN 18

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 40 00 N
LONG 121 40 17 W
DRAINAGE AREA, 3 280 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	52 400	JUL	412 000
FEB	36 900	AUG	303 000
MAR	42 100	SEP	153 000
APR	133 000	OCT	116 000
MAY	526 000	NOV	192 000
JUN	612 000	DEC	119 000

TOTAL DISCHARGE, 2 700 000 dam³

CARNATION CREEK AT 150 m CONTOUR - STATION NO. 08HB059

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.189	0.167	0.082	0.873	0.052A	0.021	0.550	0.095	0.021	0.008	0.054	0.087	1
2	0.178	0.103	0.082	0.386	0.049E	0.020	0.250	0.048	0.018	0.008	0.049	0.226	2
3	1.71	0.085	0.048	0.494	0.048E	0.018	0.202	0.041	0.018	0.008	2.53	1.07	3
4	0.353	0.071	0.046	0.612	0.042E	0.017	0.218	0.037	0.018	0.008	0.680	0.826	4
5	0.173	0.063	0.190	0.993	0.039A	0.018	0.126	0.036	0.018	0.018	0.183	0.380E	5
6	0.121	0.058	0.276	1.83	0.037	0.018	0.081	0.033	0.017	0.015	0.371	0.408E	6
7	0.091	0.054	0.186	0.808	0.035	0.018	0.081	0.031	0.016	0.012	0.207	0.404E	7
8	0.087	0.051	0.227	0.318	0.032	0.018	0.081	0.028	0.015	0.012	2.58	0.892E	8
9	0.253	0.047	0.322	0.184	0.031	0.018	0.048	0.028	0.014	0.012	7.41	0.287	9
10	0.190	0.044	0.786	0.188	0.028	0.018	0.043	0.026	0.013	0.028	0.674	0.142	10
11	0.115	0.040	0.613	0.186	0.026	0.014	0.040	0.026	0.013	0.341	0.247	0.108	11
12	0.764	0.038	0.748	0.186	0.023	0.013	0.037	0.026	0.012	0.133	0.122	0.096	12
13	0.835	0.038	0.471	0.186	0.024	0.018	0.034	0.024	0.013	0.088	0.148	0.089	13
14	0.188	0.034	0.288	0.188	0.021	0.030	0.032	0.030	0.012	0.044	0.127	0.083	14
15	0.880	0.032	0.188	0.126	0.018	0.018	0.030	0.027	0.012	0.037	0.088	0.077	15
16	2.89	0.032	0.184	0.088	0.018	0.018	0.080	0.024	0.011	0.032	0.118	0.074	16
17	0.886	0.030	0.126	0.073	0.028	0.017	0.048	0.023	0.011	0.032	0.128	0.071	17
18	0.889	0.044	0.108	0.078	0.027	0.028	0.048	0.021	0.011	0.288	0.122	0.088	18
19	0.226	0.051	0.094	0.126	0.022	0.081	0.044	0.020	0.011	0.186	0.388	0.084	19
20	0.186	0.047	0.083	0.881	0.018	0.088	0.038	0.026	0.011	0.332	0.819	0.088	20
21	0.182	0.078	0.388	0.207	0.018	0.038	0.080	0.068	0.011	1.83	0.401	0.085	21
22	0.122	1.06	0.418	0.188	0.017	0.032	0.048	0.048	0.010	1.83	0.147	0.084	22
23	0.102	0.782	0.178	0.183	0.018	0.027	0.038	0.037	0.010	1.88	0.281	0.078	23
24	0.088	0.278	0.137	0.117	0.018	0.024	0.035	0.033	0.008	0.842	0.331	0.073	24
25	0.083	0.138	0.110	0.088	0.018	0.022	0.033	0.030	0.008	0.418	0.208	0.088	25
26	0.171	0.088	0.248	0.078	0.045	0.020	0.031	0.028	0.008	0.758	0.148	0.085	26
27	0.213	0.078	0.837	0.087	0.041	0.020	0.028	0.028	0.011	0.180	0.181	0.085	27
28	0.130	0.070	0.588	0.082	0.027	0.025	0.027	0.024	0.010	0.118	0.187	0.082	28
29	1.87		0.413	0.068	0.023	0.027	0.026	0.024	0.008	0.084	0.111	0.083	29
30	2.18		0.330	0.084	0.023	0.080	0.025	0.022	0.008	0.074	0.084	0.088	30
31	0.407		0.348		0.022		0.035	0.022		0.083		0.107	31
TOTAL	15.389	3.718	9.138	8.868	0.885	0.782	2.404	1.004	0.384	8.338	18.741	8.003	TOTAL
MEAN	0.488	0.133	0.295	0.295	0.029	0.026	0.078	0.032	0.013	0.301	0.625	0.184	MEAN
MAX	2.89	1.06	0.837	1.83	0.052	0.081	0.550	0.095	0.021	1.83	7.41	1.07	MAX
MIN	0.083	0.030	0.048	0.084	0.018	0.013	0.028	0.020	0.008	0.008	0.049	0.082	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.210
MAXIMUM DAILY, 7.41 ON NOV 9
MINIMUM DAILY, 0.008 ON OCT 1
MAXIMUM INSTANTANEOUS,
17.8 AT 16:05 PST ON NOV 9

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 55 44 N
LONG 124 58 36 W
DRAINAGE AREA, 2.83 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 330	JUL	208
FEB	331	AUG	88.7
MAR	790	SEP	33.3
APR	765	OCT	807
MAY	76.8	NOV	1 620
JUN	88.8	DEC	818

TOTAL DISCHARGE, 6 820 dam³

CARNATION CREEK AT THE MOUTH - STATION NO. 08HB048

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.582	0.884	0.240	2.86	0.130	0.035	1.84	0.228	0.035	0.028	0.188	0.178	1
2	0.550	0.336	0.204	1.89	0.110	0.022	0.837	0.148	0.034	0.034	0.137	0.772	2
3	4.36	0.288E	0.178	1.71	0.100	0.028	0.554	0.108	0.032	0.035	9.78	5.60	3
4	1.40	0.238E	0.184	1.86	0.088	0.023	0.707	0.088	0.032	0.038	3.80	7.18	4
5	0.883	0.300	0.740	3.31	0.088	0.024	0.338	0.074	0.031	0.038	0.781	1.88	5
6	0.458	0.184	1.48	4.33	0.082	0.023	0.214	0.084	0.028	0.041	1.18	2.27	6
7	0.368	0.171	1.18	1.78	0.074	0.022	0.158	0.068	0.028	0.044	0.874	2.19	7
8	0.308	0.187	1.18	0.741	0.072	0.023	0.124	0.058	0.028	0.048	7.18	2.58	8
9	1.10	0.180	0.988	0.481	0.084	0.023	0.098	0.053	0.028	0.040	24.7	1.81	9
10	0.883	0.140	2.28	0.378	0.082	0.023	0.088	0.047	0.024	0.084	6.38	0.727	10
11	0.480	0.134	2.28	0.333	0.080	0.020	0.089	0.045	0.022	0.484	1.88	0.359	11
12	2.81	0.128	2.82	0.307	0.086	0.020	0.077	0.042	0.022	0.334	0.680	0.280	12
13	2.48	0.116	1.80	0.287	0.052	0.025	0.071	0.044	0.021	0.184	1.18	0.201	13
14	0.840	0.111	1.18	0.288	0.048	0.038	0.088	0.052	0.018	0.110	0.828	0.177	14
15	1.84	0.101	0.851	0.242	0.047	0.039	0.081	0.084	0.020	0.084	0.388	0.158	15
16	7.22	0.100	0.428	0.198	0.044	0.028	0.108	0.048	0.022	0.088	0.481	0.140	16
17	3.31	0.088	0.368	0.188	0.081	0.030	0.128	0.043	0.024	0.088	0.717	0.122	17
18	3.84	0.178	0.320	0.169	0.084	0.034	0.122	0.038	0.024	0.718	0.414	0.124	18
19	0.813	0.247	0.280	0.180	0.081	0.127	0.111	0.037	0.024	0.308	1.83	0.118	19
20	0.882	0.233	0.228	1.80	0.044	0.188	0.094	0.041	0.024	0.832	2.97	0.112	20
21	0.808	0.338	0.802	0.828	0.040	0.084	0.121	0.128	0.028	5.18	2.32	0.110	21
22	0.882	4.28	1.32	0.843	0.038	0.087	0.128	0.138	0.027	5.78	0.828	0.117	22
23	0.438	3.03	0.888	0.827	0.038	0.082	0.088	0.102	0.028	5.28	1.20	0.184	23
24	0.388	1.47	0.348	0.318	0.037	0.048	0.078	0.077	0.027	2.84	1.78	0.188	24
25	0.312	0.800	0.278	0.238	0.034	0.038	0.084	0.083	0.028	1.28	1.28	0.134	25
26	0.388	0.388	0.877	0.197	0.084	0.032	0.088	0.088	0.038	2.71	0.814	0.121	26
27	0.888	0.288	2.33	0.171	0.087	0.030	0.083	0.080	0.038	0.888	0.818	0.113	27
28	0.428	0.282	1.88	0.184	0.087	0.033	0.082	0.048	0.038	0.348	0.888	0.112	28
29	2.84		1.72	0.138	0.080	0.036	0.047	0.042	0.035	0.248	0.300	0.118	29
30	5.74		1.23	0.127	0.044	0.081	0.040	0.040	0.038	0.207	0.218	0.131	30
31	1.84		1.42		0.037		0.081	0.037		0.183		0.420	31
TOTAL	48.103	14.488	31.328	25.831	1.914	1.304	5.344	2.140	0.830	28.147	71.688	28.248	TOTAL
MEAN	1.58	0.517	1.01	0.851	0.082	0.043	0.208	0.088	0.028	0.808	2.39	0.914	MEAN
MAX	7.22	4.28	2.82	4.33	0.130	0.188	1.84	0.228	0.038	5.78	24.7	7.18	MAX
MIN	0.308	0.088	0.184	0.127	0.034	0.020	0.040	0.037	0.018	0.034	0.137	0.110	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.718
MAXIMUM DAILY, 24.7 ON NOV 9
MINIMUM DAILY, 0.018 ON SEP 14
MAXIMUM INSTANTANEOUS,
48.8 AT 21:50 PST ON NOV 9

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 54 58 N
LONG 124 58 52 W
DRAINAGE AREA, 10.1 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 340	JUL	848
FEB	1 250	AUG	185
MAR	2 710	SEP	71.7
APR	2 210	OCT	2 430
MAY	188	NOV	6 180
JUN	113	DEC	2 480

TOTAL DISCHARGE, 22 800 dam³

CARNEY CREEK BELOW PAMBRUN CREEK - STATION NO. 08NM131

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.704	0.5358	0.4788	0.378	4.71	10.3	11.8	9.06	4.78	2.01	1.20	1.17	1
2	0.888	0.4908	0.4588	0.373	5.31	13.6	9.81	8.06	5.48	1.78	1.23	1.23	2
3	0.710	0.4708	0.4408	0.381	5.11	14.7	8.92	8.91	5.30	1.58	1.21	1.22	3
4	0.888	0.4628	0.4208	0.382	4.88	15.1	8.65	8.38	5.29	1.52	1.20	1.18	4
5	0.877	0.4868	0.4218	0.402	8.38	17.8	9.90	8.35	6.29	1.50	1.21	1.04	5
6	0.882	0.4788	0.4348	0.424	8.38	22.8	10.5	8.69	5.27	1.47	1.20	1.08	6
7	0.888	0.4888	0.4808	0.427	12.8	21.3	10.7	7.21	4.71	1.38	1.20	1.03	7
8	0.882	0.4988	0.484	0.430	12.3	18.1	10.0	7.08	4.58	1.35	1.23	1.04	8
9	0.888	0.5028	0.453	0.440	12.8	20.1	9.33	8.81	4.01	1.38	1.40	1.05	9
10	0.888	0.5008	0.448	0.488	13.8	18.8	10.1	8.82	3.82	1.48	4.77	1.04	10
11	0.882	0.4888	0.451	0.488	12.8	17.4	8.85	7.38	3.13	1.48	4.81	0.9008	11
12	0.888	0.4868	0.448	0.470	9.05	18.8	11.4	8.84	2.90	1.80	3.87	0.8808	12
13	0.888	0.4828	0.444	0.528	7.88	21.8	14.8	8.88	2.81	1.85	2.88	0.8888	13
14	0.888	0.4828	0.442	0.702	8.87	26.0	14.8	7.85	3.07	1.87	2.80	0.8808	14
15	0.881	0.4728	0.441	1.24	8.08	27.2	16.8	8.38	3.08	1.88	2.38	0.8808	15
16	0.888	0.4818	0.444	1.48	8.34	22.7	15.8	8.23	2.80	1.40	2.12	0.8428	16
17	0.882	0.4808	0.488	1.27	8.21	18.4	13.8	4.88	2.80	1.32	1.87	0.8488	17
18	0.888	0.4388	0.447	1.38	8.22	12.0	11.0	4.22	2.80	1.30	1.84	0.8808	18
19	0.840	0.4288	0.430	1.74	8.41	11.4	12.2	4.81	2.26	1.37	1.78	0.8708	19
20	0.813	0.4328	0.421	2.08	4.82	8.82	14.4	8.38	2.07	1.88	1.72	0.8808	20
21	0.738	0.4438	0.421	2.88	4.48	8.34	14.0	7.81	1.88	1.87	1.73	0.8888	21
22	0.7208	0.4808	0.407	2.82	4.46	8.01	11.4	8.70	2.04	1.70	1.88	0.818	22
23	0.7108	0.4788	0.410	2.48	4.81	9.12	8.58	7.77	2.27	1.84	1.88	0.828	23
24	0.8888	0.4828	0.410	2.30	4.38	10.7	8.21	8.80	2.30	2.04	1.80	0.808	24
25	0.671	0.813	0.410	2.21	4.04	13.2	8.87	8.89	2.29	1.81	1.82	0.884	25
26	0.844	0.817	0.387	2.02	4.10	15.3	8.88	7.23	2.27	1.77	1.38	0.882	26
27	0.823	0.814	0.380	1.87	4.04	16.2	8.41	7.22	2.77	1.83	1.32	0.830	27
28	0.801	0.814	0.388	1.82	3.84	11.4	9.83	7.08	2.80	1.38	1.38	0.813	28
29	0.805		0.388	2.33	3.88	11.8	9.02	8.88	2.38	1.32	1.38	0.787	29
30	0.838		0.403	3.37	4.87	12.5	8.05	8.02	2.22	1.38	1.21	0.783	30
31	0.8808		0.388		7.01		8.30	4.73		1.28		0.783	31
TOTAL	20.648	13.471	13.288	39.837	207.34	488.89	342.12	212.87	101.88	48.23	58.18	29.187	TOTAL
MEAN	0.883	0.481	0.429	1.32	8.88	15.7	11.0	8.87	3.40	1.88	1.87	0.841	MEAN
MAX	0.813	0.535	0.478	3.37	13.8	27.2	16.8	8.81	8.48	2.04	4.81	1.23	MAX
MIN	0.488	0.428	0.388	0.373	3.84	8.01	8.88	4.22	1.88	1.28	1.20	0.783	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.28
MAXIMUM DAILY, 27.2 ON JUN 15
MINIMUM DAILY, 0.373 ON APR 3
MAXIMUM INSTANTANEOUS,
30.8 AT 21:11 MST ON JUN 15

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 30 N
LONG 118 34 31 W
DRAINAGE AREA, 118 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 780	JUL	29 600
FEB	1 180	AUG	18 400
MAR	1 150	SEP	8 800
APR	3 420	OCT	4 170
MAY	17 800	NOV	4 850
JUN	40 800	DEC	2 520

TOTAL DISCHARGE, 134 900 dam³

CAVEN CREEK BELOW BLOOM CREEK - STATION NO. 08NE078

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.5388	0.5708	0.4908	0.821	9.05	8.43	2.05	0.888	1.07	0.828	0.788	0.7828	1
2	0.5648	0.4268	0.4488	0.813	12.0	9.47	2.00	0.871	1.81	0.830	0.771	0.7808	2
3	0.5788	0.3908	0.4408	0.808	13.3	9.88	1.87	0.892	1.30	0.814	0.748	0.8408	3
4	0.5648	0.3708	0.4888	0.805	14.1	9.87	1.78	0.890	1.18	0.810	0.813	0.892	4
5	0.5928	0.3728	0.4928	0.718	16.3	9.83	1.88	0.872	1.14	0.811	0.848	1.08 B	5
6	0.5988	0.4008	0.5308	1.21	18.1	9.88	1.80	0.848	1.22	0.822	0.788	1.07	6
7	0.5488	0.5088	0.5788	2.82	18.2	9.18	1.82	0.835	1.13	0.835	0.848	0.931	7
8	0.5008	0.5178	0.5268	2.47	21.8	8.38	1.44	0.850	1.08	0.815	0.808	0.887	8
9	0.4908	0.5188	0.4888	2.10	18.0	7.88	1.38	0.878	1.06	0.802	0.931	0.888	9
10	0.4988	0.5208	0.5008	1.78	18.3	7.88	1.88	0.883	1.03	0.800	1.84	0.8308	10
11	0.5208	0.5288	0.5728	1.80	18.5	7.07	1.84	0.882	0.888	0.804	3.38	0.7828	11
12	0.5008	0.5308	0.5588	2.05	14.1	8.27	1.38	0.848	0.867	0.833	3.38	0.8208	12
13	0.5068	0.5248	0.5248	2.58	13.0	8.88	1.67	1.11	0.874	0.833	3.03	0.8888	13
14	0.5188	0.5288	0.5388	3.38	12.0	8.38	1.78	0.945	0.858	1.03	1.44	0.8788	14
15	0.5388	0.5208	0.5238	4.88	11.8	8.02	1.48	0.884	0.838	0.884	1.18	0.8748	15
16	0.5248	0.5188	0.5208	5.38	11.8	4.88	1.34	0.848	0.805	0.832	1.10	0.8188	16
17	0.5208	0.5208	0.5208	5.01	12.7	4.48	1.31	0.888	0.888	0.808	1.08	0.7488	17
18	0.5078	0.5228	0.5008	4.87	12.8	4.08	1.38	0.877	0.888	0.803	1.03	0.8808	18
19	0.5028	0.5328	0.4928	5.78	10.8	4.07	1.21	0.888	0.897	0.788	1.08	0.8888	19
20	0.5008	0.5388	0.5108	8.11	9.78	3.74	1.20	0.881	0.878	0.838	1.32	0.8808	20
21	0.5048	0.5408	0.5008	13.4	9.04	3.37	1.18	0.878	0.872	1.18	1.38	0.8808	21
22	0.5108	0.5428	0.5288	16.3	8.78	3.18	1.08	0.885	0.888	1.08	1.18	0.7488	22
23	0.5088	0.5488	0.5288	13.3	12.8	2.88	1.07	0.878	0.880	0.880	1.20	0.8488	23
24	0.5708	0.5568	0.5288	10.8	12.2	2.81	1.03	1.88	0.880	0.880	0.878	0.8888	24
25	0.5008	0.5548	0.5908	8.71	10.4	2.71	1.00	1.81	0.833	0.804	0.818	0.8878	25
26	0.4928	0.5428	0.5748	8.78	8.87	3.21	0.882	1.70	0.834	0.844	0.881	0.8408	26
27	0.5208	0.5388	0.5928	8.28	8.88	2.88	0.888	1.78	0.838	0.838	0.8428	0.8408	27
28	0.5008	0.5108	0.5888	7.38	8.82	2.81	0.844	1.81	0.880	0.828	0.8308	0.8428	28
29	0.5408		0.6208	7.07	8.21	2.38	0.822	1.48	0.848	0.802	0.820	0.8888	29
30	0.5888		0.828	7.78	7.83	2.18	0.818	1.23	0.833	0.783	0.8008	0.8888	30
31	0.5888		0.883		7.78		0.807	1.13		0.787		0.8888	31
TOTAL	17.828	14.188	16.813	188.827	389.08	188.82	41.883	32.887	28.482	28.827	35.888	25.841	TOTAL
MEAN	0.575	0.507	0.623	6.32	12.8	6.82	1.38	1.08	0.883	0.889	1.10	0.834	MEAN
MAX	0.598	0.570	0.883	16.3	21.8	9.88	2.05	1.78	1.81	1.18	3.38	1.07	MAX
MIN	0.488	0.378	0.448	0.805	7.78	2.18	0.807	0.838	0.833	0.787	0.748	0.880	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.83
MAXIMUM DAILY, 21.8 ON MAY 8
MINIMUM DAILY, 0.3708 ON FEB 4
MAXIMUM INSTANTANEOUS,
35.8 AT 04:23 MST ON MAY 8

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 11 18 N
LONG 115 28 11 W
DRAINAGE AREA, 313 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 880	JUL	3 830
FEB	1 230	AUG	2 830
MAR	1 430	SEP	2 880
APR	13 800	OCT	2 300
MAY	33 800	NOV	3 080
JUN	14 800	DEC	2 230

TOTAL DISCHARGE, 82 800 dam³

CAYOOSH CREEK NEAR LILLOOET - STATION NO. 08MG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.46	3.70B	3.39	3.39	37.6	84.8	31.8 E	2.83	1.33 A	1.81E	1.75A	8.68	1
2	4.66	3.30B	3.06	3.41	31.3	84.6	30.8 E	2.97	1.27 E	1.82A	1.73E	7.36	2
3	5.11	3.30B	3.33	3.39	33.3	91.3	30.0 E	3.15	1.32 A	1.37A	1.70A	9.36	3
4	4.80	3.48B	3.76	3.40	35.4	90.6	32.3 A	2.37	1.32	1.32A	1.67E	13.0	4
5	4.69	3.80B	3.74	3.49	38.3	86.0	30.7 A	1.89	1.38 A	1.29	1.68E	13.1	5
6	4.76	3.83B	3.71	3.73	42.0	88.1	78.0 E	1.84	1.27 E	1.28	1.63A	12.8 A	6
7	3.84	3.80B	3.61	3.85	47.0	82.3	27.4 E	1.86	1.27 A	1.32	1.72A	12.2 E	7
8	3.77	3.80B	3.58	3.88	50.7	68.1	27.0 E	1.48	1.20	1.12	1.74E	11.7 E	8
9	4.37	3.75B	3.53	3.85	54.1	78.6	27.7 E	1.47	1.17	1.08	1.78	10.4 E	9
10	4.41	3.80B	3.64	4.01	54.5	73.2	30.4 A	1.43	1.14	1.33	17.8	9.80E	10
11	4.37	4.10B	3.78	4.22	47.8	70.3	44.0 E	1.34	1.11	1.78	18.1	8.40E	11
12	4.78	4.20B	3.78	4.85	38.5	78.1	38.0 A	1.20	1.06 A	1.89	15.2	8.84A	12
13	4.60	4.18B	3.77	5.13	35.0	78.8	38.6 A	1.21A	0.980A	1.69	13.3 A	8.78	13
14	4.85	4.10B	3.78	5.05	33.0	85.0A	39.2 A	1.09A	0.989A	1.65	13.7 A	8.86	14
15	4.62	4.00B	3.79	7.33	32.8	76.0E	40.0 E	1.09A	0.993E	1.88	13.0	8.37	15
16	4.68	3.90B	3.78	8.87	33.8	84.0E	40.3 E	1.21A	0.991E	1.61	12.1	7.88	16
17	4.48	4.20B	3.70	9.01	35.0	86.0E	38.2 A	1.24A	0.988E	1.48	11.8	7.86	17
18	4.80	4.10B	3.80	9.44	33.4	67.0E	32.2 A	1.28E	0.986E	1.82	10.8	7.18	18
19	4.32	4.00B	3.48	10.8	30.7	39.0A	30.1 A	1.24E	0.984E	2.08	10.6	7.33	19
20	4.38	4.20B	3.84	12.2	27.9	38.0A	30.4 A	1.23E	0.982E	1.98	10.6	6.97A	20
21	4.31	4.23B	3.80	13.8	28.2	33.8A	38.0 E	1.21E	0.980E	1.88	10.5	6.80E	21
22	4.21	4.21B	3.88	13.8	34.7	33.2E	39.5 E	1.20E	0.848E	1.82	9.48	6.68E	22
23	3.70	4.30B	3.49	13.4	33.8	38.0E	34.0 E	1.18E	0.846E	1.96	9.41	6.84A	23
24	3.88	4.18B	3.48	13.0	32.8	43.0E	30.8 A	1.18E	0.844E	2.11	8.89	6.56	24
25	4.09	4.00B	3.81	13.0	31.8	52.0E	18.4 A	1.17E	0.842A	2.08	8.16	6.46	25
26	4.38	3.80B	3.84	13.7	30.5	58.0A	2.77A	1.15E	0.814A	2.14	7.82	6.43	26
27	4.37	3.79B	3.84	14.5	31.5	62.7A	2.77A	1.14E	0.814A	2.18A	7.83	6.35	27
28	4.01	3.78A	3.47	15.4	33.5	42.8A	2.84	1.13A	0.874A	2.08E	7.43	6.30	28
29	4.00		3.44	16.7	38.5	38.8A	2.43	1.20A	1.50 A	1.80E	7.33	6.24	29
30	5.05		3.44	22.8	30.0	35.1A	2.34	1.22E	1.50 E	1.80E	7.78	6.21	30
31	5.40A		3.48		42.0		2.44	1.24A		1.71A		6.06	31
TOTAL	138.79	108.71	110.44	288.83	1 048.8	1 905.6	783.38	48.84	32.781	52.09	247.48	250.03	TOTAL
MEAN	4.48	3.88	3.56	6.68	33.7	63.5	25.8	1.47	1.09	1.68	8.28	8.36	MEAN
MAX	5.05	4.33	3.79	22.8	54.5	88.1	44.0	3.15	1.50	2.18	18.1	13.1	MAX
MIN	3.68	3.30	3.06	3.39	30.5	32.2	2.34	1.09	0.874	1.08	1.63	6.06	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.7
MAXIMUM DAILY, 88.1 ON JUN 8
MINIMUM DAILY, 0.874A ON SEP 26
MAXIMUM INSTANTANEOUS,
104 AT 02:48 PST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 40 10 N
LONG 121 57 50 W
DRAINAGE AREA, 878 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1979

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	12 000	JUL	68 500
FEB	9 380	AUG	3 930
MAR	9 540	SEP	2 830
APR	25 100	OCT	4 500
MAY	90 400	NOV	21 400
JUN	165 000	DEC	22 400

TOTAL DISCHARGE, 433 000 dam³

CHARLIE LAKE NEAR FORT ST. JOHN - STATION NO. 07FC005

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.038	2.030	2.018	2.022	2.283	2.328	2.287	2.190	2.184	2.110	2.080A	2.085	1
2	2.038	2.030	2.018	2.023	2.287	2.328	2.283	2.191	2.184	2.110	2.086	2.085	2
3	2.038	2.030	2.018	2.020	2.288	2.320	2.286	2.188	2.148	2.108	2.088	2.085	3
4	2.038	2.030	2.018	2.020	2.300	2.317	2.287	2.181	2.144	2.110	2.088	2.088	4
5	2.040	2.028	2.018	2.023	2.300	2.316	2.248	2.178	2.152	2.108	2.088	2.089	5
6	2.040	2.028	2.020	2.028	2.288	2.323	2.249	2.178	2.142	2.101	2.088	2.084	6
7	2.040	2.026	2.021	2.033	2.288	2.323	2.267	2.173	2.142	2.100	2.082	2.083	7
8	2.038	2.027	2.021	2.038	2.287	2.323	2.256	2.188	2.138	2.087	2.082	2.088	8
9	2.038	2.024	2.023	2.047	2.287	2.333	2.287	2.173	2.133	2.082	2.086	2.088	9
10	2.038	2.024	2.024	2.068	2.288	2.331	2.262	2.171	2.127	2.080	2.087	2.087	10
11	2.035	2.021	2.024	2.080	2.293	2.328	2.248	2.188	2.125	2.084	2.088	2.088	11
12	2.034	2.020	2.024	2.104	2.290	2.328	2.238	2.185	2.124	2.083	2.088	2.088	12
13	2.037	2.020	2.026	2.121	2.288	2.322	2.238	2.181	2.121	2.083	2.088	2.084	13
14	2.036	2.022	2.023	2.137	2.288	2.318	2.236	2.180	2.121	2.081	2.088	2.083	14
15	2.032	2.023	2.024	2.158	2.282	2.313	2.232	2.181	2.121	2.077	2.088	2.081	15
16	2.034	2.021	2.024	2.188	2.278	2.307	2.230	2.176	2.132	2.072	2.087	2.081	16
17	2.037	2.022	2.022	2.197	2.277	2.301	2.225	2.178	2.116	2.067	2.085	2.082	17
18	2.033	2.022	2.021	2.208	2.277	2.290	2.229	2.178	2.112	2.085	2.088	2.083	18
19	2.033	2.021	2.020	2.218	2.271	2.285	2.228	2.178	2.112	2.080	2.072	2.085	19
20	2.033	2.021	2.019	2.230	2.274	2.283	2.218	2.174	2.104	2.089	2.078	2.084	20
21	2.033	2.020	2.018	2.248	2.283	2.278	2.218	2.172	2.108	2.081	2.074	2.083	21
22	2.031	2.018	2.018	2.268	2.280	2.278	2.208	2.188	2.088	2.082	2.072	2.083	22
23	2.031	2.018	2.018	2.284	2.281	2.270	2.203	2.188	2.100	2.087	2.087	2.085	23
24	2.031	2.031	2.018	2.272	2.288	2.288	2.207	2.188	2.088	2.084	2.072	2.083	24
25	2.030	2.018	2.023	2.278	2.285	2.285	2.208	2.184	2.084	2.083	2.071	2.082	25
26	2.028	2.018	2.028	2.282	2.308	2.288	2.201	2.183	2.082	2.088	2.071	2.085	26
27	2.028	2.018	2.027	2.284	2.310	2.288	2.198	2.183	2.088	2.087	2.071	2.088	27
28	2.028	2.017	2.028	2.288	2.313	2.283	2.200	2.177	2.088	2.081	2.089	2.072	28
29	2.028		2.028	2.292	2.318	2.282	2.188	2.184	2.103	2.087	2.088	2.074	29
30	2.032		2.026	2.294	2.321	2.288	2.182	2.188	2.121	2.070A	2.087	2.074	30
31	2.030		2.024		2.325		2.188	2.188		2.080A		2.078	31
MEAN	2.034	2.023	2.022	2.187	2.298	2.298	2.224	2.178	2.120	2.078	2.088	2.080	MEAN
MAX	2.040	2.030	2.028	2.294	2.325	2.333	2.288	2.191	2.184	2.110	2.078	2.078	MAX
MIN	2.028	2.017	2.018	2.020	2.271	2.288	2.188	2.188	2.088	2.087	2.088	2.081	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MEAN, 2.131
MAXIMUM DAILY, 2.333 ON JUN 8
MINIMUM DAILY, 2.018 ON MAR 3
MAXIMUM INSTANTANEOUS,
2.336 AT 13:36 PST ON JUN 8

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 16 52 N
LONG 120 57 30 W
DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

A - MANUAL GAUGE

REGULATED SINCE 1968

CHATAWAY CREEK NEAR THE MOUTH - STATION NO. 08LG068

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0 B	0.1B8B	0.137	0.010	0	0.010	0	0.008	0.0088	1
2	0B	0B	0B	0 B	0.211B	0.124	0.007	0.015A	0.008	0	0.005	0.0078	2
3	0B	0B	0B	0 B	0.230	0.110	0.008	0.011A	0.008	0	0.009	0.0078	3
4	0B	0B	0B	0 B	0.248	0.088	0.005	0.004A	0.008	0	0.011	0.0088	4
5	0B	0B	0B	0 B	0.262	0.087	0.003	0.001A	0.009	0.001A	0.008	0.0088	5
6	0B	0B	0B	0 B	0.278	0.078	0.002	0	0.008	0.001	0.008	0.0088	6
7	0B	0B	0B	0 B	0.288	0.068	0.001	0	0.008	0.001	0.008	0.0078	7
8	0B	0B	0B	0 B	0.274	0.053	0	0	0.004	0.001	0.008	0.0088	8
9	0B	0B	0B	0 B	0.255	0.084	0.001	0	0.002	0.001	0.007	0.0088	9
10	0B	0B	0B	0 B	0.238	0.060E	0.010	0	0.002	0.002	0.010	0.0088	10
11	0B	0B	0B	0 B	0.209	0.044E	0.012	0	0.002	0.005	0.009	0.0088	11
12	0B	0B	0B	0 B	0.201	0.037E	0.004	0	0.002	0.008	0.008	0.0048	12
13	0B	0B	0B	0.005A	0.188	0.030E	0.003	0	0.001	0.007	0.007	0.0088	13
14	0B	0B	0B	0.013	0.187	0.024E	0.003	0	0.001	0.008	0.005	0.0088	14
15	0B	0B	0B	0.021	0.153	0.020E	0.043	0	0.001	0.008	0.005	0.0088	15
16	0B	0B	0B	0.015	0.137	0.015E	0.038	0.015	0.001	0.008	0.005	0.0088	16
17	0B	0B	0B	0.024	0.124	0.013E	0.028	0.013	0.002	0.006	0.004	0.0088	17
18	0	0B	0B	0.086	0.117	0.011E	0.019	0.011	0.002	0.008	0.004	0.0088	18
19	0B	0B	0B	0.180	0.107	0.008E	0.012	0.038	0.001	0.006	0.007	0.0088	19
20	0B	0B	0B	0.071	0.098	0.008E	0.009	0.031	0.001	0.005	0.008	0.0048	20
21	0B	0B	0B	0.054	0.090	0.008E	0.008	0.032	0.001	0.004	0.006A	0.0038	21
22	0B	0B	0B	0.045	0.084	0.008E	0.005	0.018	0.001	0.004	0.0088	0.0038	22
23	0B	0B	0B	0.041	0.084	0.010E	0.003	0.008	0.001	0.005	0.0088	0.0038	23
24	0B	0B	0B	0.043	0.104	0.012E	0.002	0.010	0 A	0.020	0.0088	0.0048	24
25	0B	0B	0B	0.048	0.133	0.014E	0.001	0.012	0 A	0.010	0.0088	0.0088	25
26	0B	0B	0B	0.058	0.137	0.015E	0.001A	0.008	0	0.008	0.0088	0.0088	26
27	0B	0B	0B	0.068	0.180	0.010A	0.001A	0.008	0	0.010	0.0088	0.0088	27
28	0B	0B	0B	0.080	0.220	0.008	0.001A	0.009	0	0.007	0.0078	0.0088	28
29	0B		0B	0.107	0.182	0.010	E	0.013	0	0.008	0.0078	0.0078	29
30	0B		0B	0.140	0.170	0.012	0	0.012	0	0.008	0.0088	0.0078	30
31	0B		0B		0.153		0	0.009		0.008		0.0078	31
TOTAL	0	0	0	1.100	5.802	1.208	0.234	0.277	0.078	0.198	0.198	0.178	TOTAL
MEAN	0	0	0	0.037	0.177	0.040	0.008	0.009	0.003	0.006	0.007	0.006	MEAN
MAX	0	0	0	0.180	0.288	0.137	0.043	0.038	0.010	0.020	0.011	0.008	MAX
MIN	0	0	0	0	0.084	0.008	0	0	0	0	0.004	0.003	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.036
MAXIMUM DAILY, 0.288 ON MAY 7
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
0.294 AT 00:40 PST ON MAY 7

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 18 52 N
LONG 130 55 33 W
DRAINAGE AREA, 32.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	0	JUL	30.2
FEB	0	AUG	22.8
MAR	0	SEP	8.63
APR	85.0	OCT	13.6
MAY	478	NOV	19.8
JUN	104	DEC	15.6

TOTAL DISCHARGE, 771 dam³

CHEAKAMUS RIVER ABOVE MILLAR CREEK - STATION NO. 08GA072

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.00B	4.80B	2.48B	3.80E	17.4	36.1	29.0	38.8	23.1	15.0	7.13	8.88	1
2	3.98B	4.20B	2.40B	3.47E	18.7	50.7	27.8	38.4	21.8	12.8	8.84	7.34	2
3	4.00B	3.80B	2.38B	3.42E	21.1	59.1	28.3	36.2	20.1	11.0	7.67	20.0 E	3
4	3.88B	3.30B	2.30B	3.40E	21.8	61.4	27.7	34.7	20.0	10.1	8.88	28.0 E	4
5	3.78B	3.20B	2.30B	3.49E	21.8A	63.0	26.3	35.8	19.3	9.67	9.38	24.8 A	5
6	3.88B	3.05B	2.38B	3.80E	22.2E	61.5	23.8	36.7	18.0	9.28	8.77	20.5	6
7	3.62B	3.00B	2.45B	3.88E	22.6E	56.4	23.4	37.3	18.7	9.12	8.38	17.2	7
8	3.80B	2.95B	2.60B	4.05E	23.2E	55.4	23.4	37.3	20.4	9.13	7.88	15.8	8
9	3.62B	2.80B	2.80B	4.00E	23.6E	51.3	23.2	36.6	20.0	9.09	28.3	14.1	9
10	3.60B	2.80B	3.11	3.85E	20.0E	47.7	24.8	30.7	17.8	12.7	68.8	12.2	10
11	3.80B	2.73B	3.84	4.15E	17.0E	46.8	25.8	26.3	16.8	13.8	48.7	10.9	11
12	3.42B	2.70B	3.86	4.80	15.0E	50.7	30.8	24.0	17.3	13.6	28.2	9.78	12
13	3.40B	2.68B	3.84	5.27	14.3E	58.7	35.8	24.3	16.8	12.0	21.6	9.44	13
14	3.36B	2.70B	3.82	5.35	14.0	75.8	40.8	24.1	15.3	10.7	17.2	8.75	14
15	3.32B	2.73B	3.48	7.85	15.0E	70.8	43.4	22.8	16.8	9.37	14.3	8.04	15
16	3.30B	2.75B	3.34	7.68	15.6E	58.9	40.3	22.8	16.4	8.30	12.8	7.84	16
17	3.60B	2.70B	3.16	7.68	16.0E	44.8	35.8	24.1	16.8	7.43	11.2	7.48	17
18	3.48B	2.88B	3.07	8.07	14.6E	36.2	33.8	27.0	13.7	19.8	10.3	7.08	18
19	3.40B	2.88B	3.02E	8.84	13.8E	29.8	33.3	30.8	12.1	21.7	9.99	8.58	19
20	3.28B	2.70B	3.00E	11.1	13.8E	26.1	33.8	32.7	11.3	17.8	10.8	8.34	20
21	3.20B	2.75B	3.02E	13.0	13.3E	22.8	30.3	37.3	11.4	15.7	11.1	8.05	21
22	3.10B	2.88B	3.04E	12.0	12.9A	23.4	28.8	38.1	12.4	18.8	10.8	8.03	22
23	3.08B	3.20B	3.08E	10.9	12.8	28.8	28.0	38.8	13.8	21.8	9.84	8.89	23
24	2.85B	3.30B	3.12E	10.2	12.7	33.0	26.4	38.4	14.8	24.0	9.38	8.78	24
25	2.90B	3.10B	3.20E	9.82	12.8	42.1	26.9	39.1	18.3	19.2	9.19	8.81	25
26	2.88B	2.98B	3.22E	10.1	12.3	47.0	26.3	34.3	18.3	18.3	8.84	8.48	26
27	2.90B	2.80B	3.18E	10.3	12.8	41.2	31.4	23.8	16.9	13.8	8.28	8.41	27
28	2.93B	2.80B	3.17E	11.0	12.8	32.7	31.7	23.2	16.8	11.8	7.83	8.44	28
29	3.00B		3.18E	12.8	13.2	27.3	30.4	23.0	16.7	9.88	7.38	8.88	29
30	3.88		3.30E	14.8	17.8	27.2	31.3	23.1	16.2	8.80	8.81	8.75	30
31	8.28A		3.40E		24.9		38.8	24.2		7.94		8.80	31
TOTAL	107.87	84.03	93.86	223.85	522.8	1 358.8	931.4	922.4	511.8	407.88	436.71	308.83	TOTAL
MEAN	3.47	3.00	3.03	7.43	16.9	45.3	30.0	29.8	17.1	13.2	14.7	9.88	MEAN
MAX	8.28	4.80	3.86	14.8	24.9	75.8	43.4	38.4	23.1	24.0	68.8	28.0	MAX
MIN	2.85	2.80	2.30	3.40	12.3	22.8	23.2	22.8	11.3	7.43	6.84	4.78	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.2
MAXIMUM DAILY, 75.8 ON JUN 14
MINIMUM DAILY, 2.30B ON MAR 4
MAXIMUM INSTANTANEOUS,
80.7 AT 11:02 PST ON JUN 14

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 06 48 N
LONG 123 01 02 W
DRAINAGE AREA, 285 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	9 300	JUL	80 500
FEB	7 350	AUG	79 700
MAR	8 120	SEP	44 200
APR	19 300	OCT	35 200
MAY	45 300	NOV	38 000
JUN	117 000	DEC	26 800

TOTAL DISCHARGE, 810 000 dam³

CHEAKAMUS RIVER NEAR BRACKENDALE - STATION NO. 08GA043

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.81	17.3 B	8.55	13.2	17.7	88.4	---	---	13.2	10.1	11.0	11.4	1
2	9.82	16.0 B	8.57	12.8	17.8	109	---	---	12.1	9.41	10.7	10.8	2
3	21.8	14.1 B	8.38	12.6	17.0	135	---	---	11.8	9.14	13.1	38.7	3
4	21.8	12.8 B	8.31	13.3	17.0	98.6	---	---	11.8	8.07	22.8	304	4
5	14.8	11.7 B	8.81	15.4	16.3	49.8	---	---	11.5	9.03	15.8	119	5
6	11.8	10.3 B	9.50	30.8	21.4	34.3A	---	---	11.3	8.14	18.7	46.7	6
7	10.8	9.78B	9.48	26.8	33.8	---	---	---	11.7	8.20	15.8	18.7	7
8	9.87	9.58B	9.32	18.2	21.8	---	---	---	12.3	8.38	19.8	28.8	8
9	9.78	9.40B	10.2	14.8	48.1	---	---	---	11.8	8.19	281	18.7	9
10	9.34	9.23B	20.3	14.1	88.8	---	---	---	11.2	12.8	324	16.7	10
11	9.31	9.00B	24.2	14.8	38.2	---	---	---	11.3	12.5	108	13.8	11
12	10.8	8.70B	24.7	16.8	23.1	---	---	---	11.8	11.4	93.1	12.8	12
13	13.8	8.58B	19.1	18.7	11.8	---	---	---	11.8	9.88	37.8	13.2	13
14	11.1	8.30B	14.2	15.0	12.1	---	---	---	11.8	8.27	31.3	11.8	14
15	10.3 A	8.08B	12.1	18.7	13.8	---	---	---	11.8	8.73	22.1	11.1	15
16	13.8 E	7.82A	11.0	15.8	15.8	---	---	---	11.7	8.48	12.2	10.8	16
17	23.0 E	7.84	10.3	13.2	15.8	---	---	---	11.0	8.82	11.9	10.3	17
18	18.8 E	7.81	9.88	13.2	13.2	---	---	---	10.8	19.4	11.7	10.1	18
19	14.5 E	7.88	9.38	15.8	11.1	---	---	---	10.3	15.8	18.3	9.88	19
20	13.4 E	7.77	9.28	24.2	10.1	---	---	---	10.4	14.8	28.7	9.84	20
21	11.8 E	7.71	9.89	18.7	9.84	---	---	---	10.5	24.0	44.3	9.82	21
22	11.8 E	11.8	10.8	14.2	9.78	---	---	---	11.1	34.0	32.8	9.83	22
23	11.3 E	18.2	10.1	12.3	10.8	---	---	---	11.1	61.2	17.4	9.44	23
24	11.0 E	13.3	9.86	12.3	11.2	---	---	---	11.0	37.4	18.2	9.36	24
25	10.2 E	10.7	9.57	13.4	10.2	---	---	---	11.0	30.8	15.8	9.33	25
26	9.77E	9.80	9.89	20.7	12.8	---	---	---	11.1	40.0	13.8	9.18	26
27	9.79E	9.20	14.8	33.8	14.8	---	---	---	10.8	48.0	12.8	9.18	27
28	9.80E	8.88	18.8	88.8	13.7	---	---	---	10.8	34.8	12.3	8.84	28
29	13.2 E		13.4	16.8	13.3	---	---	---	10.7	19.8	12.1	8.77	29
30	23.0 E		11.2	17.8	15.1	---	---	13.1A	10.7	13.4	11.7	8.78	30
31	27.4 A		11.8		18.2		---	13.0		11.7		9.01	31
TOTAL	412.38	281.44	370.30	587.1	587.83	---	---	---	337.8	545.08	1 281.6	736.79	TOTAL
MEAN	13.3	10.4	11.9	18.8	18.3	---	---	---	11.3	17.8	41.7	23.8	MEAN
MAX	27.4	18.2	24.7	88.8	88.8	---	---	---	12.3	61.2	324	304	MAX
MIN	9.21	7.71	9.31	13.2	9.78	---	---	---	10.3	8.48	10.7	8.78	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 324 ON NOV 10

MAXIMUM INSTANTANEOUS,
660 AT 23:60 PST ON NOV 9

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 49 00 N
LONG 123 08 24 W
DRAINAGE AREA, 1 010 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1957

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	35 600	JUL	---
FEB	35 300	AUG	---
MAR	33 000	SEP	29 200
APR	48 100	OCT	47 100
MAY	49 000	NOV	108 000
JUN	---	DEC	83 000

CHEHALIS RIVER NEAR HARRISON MILLS - STATION NO. 08MD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	36.5	80.9	13.9	30.0E	64.5	66.0	27.8	9.83	7.93	4.27	18.1	20.7	1
2	31.8	46.8	12.9	31.0E	58.3	66.7	26.4	15.4	7.30	4.23	16.0	40.3	2
3	136	35.5	12.0	28.0A	54.9	68.2	25.0	16.0	8.07	4.14	63.0	130	3
4	81.8	27.3	11.6	31.1	58.3	68.9	27.2	13.2	8.78	4.02	84.8	258	4
5	55.4	23.2	14.2	88.1	59.3	68.3	24.1	11.9	8.66	4.01	44.2	138	5
6	41.2	20.8	30.2	88.4	72.0	61.0	21.7	11.2	8.35	3.87	118	88.8	6
7	31.8	18.2	22.7	60.1	75.8	58.2	20.8	10.4	8.15	3.78	76.8	68.8	7
8	28.8	16.2	23.1	54.8	74.5	60.8	19.8	9.84	8.82	3.78	143	82.8	8
9	23.8	15.2	28.8	61.8	67.0	48.8	18.2	9.43	8.68	3.70	301	60.1	9
10	20.8	14.1	82.8	47.8	57.8	40.1	16.8	9.04	8.38	11.3	314	48.3	10
11	18.3	13.2	68.8	47.0	49.0	40.8	18.1	8.48	8.14	82.1	138	57.0	11
12	16.8	12.8	88.0	80.7	38.3	43.7	18.1	8.08	4.88	83.8	78.4	30.8	12
13	28.8	11.8	88.7	57.4	32.7	43.8	18.4	7.84	4.88	68.8	88.7	28.0	13
14	20.2	11.2	43.4A	70.3	33.3	84.0	18.7	7.68	4.78	47.7	48.8	23.8	14
15	20.2	10.8	29.0E	74.1	37.1	81.2	18.4	7.80	4.87	31.8	34.8	20.1	15
16	88.7	10.8	23.0E	81.8	41.8	38.8	18.1	8.83	4.42	23.2	28.3	17.8	16
17	71.8	10.2	21.0E	82.8	44.3	33.4	17.4	8.80	4.81	18.2	27.0	16.2	17
18	82.8	10.4	18.0E	88.8	88.8	38.8	16.4	7.88	4.88	20.8	30.0	14.8	18
19	42.8	8.82	17.0E	88.2	88.4	43.8	15.8	7.71	4.38	18.8	78.8	14.0	19
20	38.8	8.83	16.0E	73.7	43.0	42.0	14.8	7.88	4.34	24.4	119	18.1	20
21	38.8	8.48	38.0E	88.8	38.0	32.8	13.8	28.0	4.28	83.0	118	14.8	21
22	28.4	22.4	39.0E	82.1	31.8	28.3	12.7	24.8	4.18	71.8	84.4	14.2	22
23	24.8	38.2	27.0E	43.4	33.3	28.8	12.0	18.7	4.08	74.7	68.2	14.8	23
24	21.2	26.0	25.0E	43.8	88.8A	31.4	11.8	13.8	4.05	111	57.2	15.8	24
25	18.1	21.4	33.0E	47.8	40.4	32.7	11.1	12.8	4.02	82.8	48.8	14.3	25
26	17.7	18.8	80.0E	80.8	38.0	32.7	11.2	12.3	4.48	88.8	38.7	13.7	26
27	22.0	17.3	60.0E	88.3	81.8	34.2	11.2	11.1	4.21	88.2	32.8	13.2	27
28	18.4	16.8	44.0E	88.2	48.8	30.8	11.2	9.93	4.14	44.0	28.8	12.8	28
29	22.7		40.0E	81.0	44.8	28.8	10.8	8.18	4.08	33.4	28.8	11.4	29
30	227		31.0E	67.0	41.8	24.0	10.2	8.88	3.81	26.8	23.4	11.8	30
31	128		32.8E		44.8		9.82	8.18		21.4		10.1	31
TOTAL	1 446.8	560.83	1 036.8	1 873.2	1 840.8	1 318.8	538.82	348.08	183.13	1 042.00	2 298.8	1 389.1	TOTAL
MEAN	46.8	20.0	33.8	88.8	48.7	43.8	17.3	11.2	8.10	33.8	78.8	41.8	MEAN
MAX	227	88.8	80.0	88.4	78.8	88.2	28.4	28.0	7.83	111	314	288	MAX
MIN	17.7	8.48	11.8	28.8	31.8	24.0	8.82	7.84	3.81	3.70	18.8	11.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 38.3
MAXIMUM DAILY, 314 ON NOV 10
MINIMUM DAILY, 3.70 ON OCT 9
MAXIMUM INSTANTANEOUS,
477 AT 00:43 PST ON NOV 10

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 18 05 N
LONG 121 58 12 W
DRAINAGE AREA, 383 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	125 000	JUL	48 300
FEB	48 500	AUG	30 100
MAR	88 600	SEP	13 200
APR	145 000	OCT	80 000
MAY	133 000	NOV	198 000
JUN	114 000	DEC	111 000

TOTAL DISCHARGE, 1 140 000 dam³

CHEMAINUS RIVER NEAR WESTHOLME - STATION NO. 08HA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	25.3	32.7	15.4	24.5	22.5	4.89	2.33	0.900	0.441	0.273	3.78	11.2	1
2	21.8	24.5	13.6	26.7	21.0	4.74	3.47	0.885	0.428	0.270	3.38	21.2	2
3	57.8	22.0 B	12.1	24.0	18.2	4.32	3.08	0.846	0.418	0.276	3.17	79.5	3
4	62.5	20.4 B	11.2	23.4	17.7	3.89	2.84	0.753	0.392	0.287	9.72	161	4
5	35.3	18.7 B	15.9	42.2	16.0	3.46	2.23	0.722	0.425	0.351	8.00	56.0	5
6	26.1	16.1 B	27.4	64.8	19.3	3.08	1.82	0.858	0.427	0.377	8.87	39.8	6
7	20.7	13.8 B	23.7	57.8	17.6	2.88	1.70	0.582	0.400	0.364	8.73	27.4	7
8	17.6	12.6 B	21.4	35.7	16.5	2.60	1.49	0.497	0.377	0.357	15.0	57.1	8
9	15.8	11.3 B	25.7	28.6	13.7	2.15	1.39	0.484	0.359	0.388	63.7	35.1	9
10	13.8	10.2 B	46.8	26.2	10.8	2.09	1.33	0.498	0.338	0.368	66.3	24.7	10
11	12.3	9.20B	53.2	27.8	8.86	2.08	1.32	0.488	0.322	0.453	30.5	19.4	11
12	14.1	8.40B	57.0	26.9	7.08	1.98	1.22	0.486	0.318	1.34	19.2	15.7	12
13	25.3	7.60B	42.7	29.8	6.20	1.88	1.14	0.453	0.307	1.84	14.6	13.3	13
14	20.4	7.20B	32.2	34.3	5.67	2.18	1.03	0.535	0.296	1.17	12.1	11.8	14
15	18.2	6.70B	25.9	35.0	5.98	2.01	0.903	0.582	0.298	1.02	9.83	10.0	15
16	41.8	6.50B	23.2	28.3	5.58	1.77	1.04	0.512	0.288	0.846	8.83	9.08	16
17	74.0	7.10B	20.7	21.7	7.30	1.82	1.40	0.511	0.358	0.744	11.0	8.02	17
18	82.2	6.90B	19.3	20.9	7.06	1.84	1.40	0.468	0.338	0.781	10.4	7.21	18
19	40.8	6.80B	18.5	25.0	5.52	1.71	1.19	0.447	0.318	0.828	10.5	6.55	19
20	30.4	6.66	17.2	38.8	4.80	1.67	1.08	0.458	0.314	1.01	21.0	5.87	20
21	25.9	6.79	19.9	30.1	4.32	1.58	0.850	0.583	0.302	3.18	27.7	5.88	21
22	21.7	35.1	22.6	21.4	4.18	1.50	0.883	0.777	0.301	14.6	19.5	6.04	22
23	18.3	62.3	19.6	18.4	4.21	1.33	0.825	0.618	0.276	28.1	18.9	6.11	23
24	16.9	43.2	17.2	18.7	4.11	1.39	0.750	0.787	0.267	21.6	19.8	6.28	24
25	14.2	29.4	16.4	20.2	3.78	1.30	0.713	0.714	0.258	12.1	17.9	6.27	25
26	13.1	23.0	17.1	20.9	4.12	1.20	0.670	0.846	0.291	20.8	18.2	6.00	26
27	13.6	19.5	27.8	21.6	6.72	1.18	0.882	0.883	0.310	15.1	14.7	5.84	27
28	12.5	17.1	33.3	20.2	4.85	1.30	0.883	0.574	0.288	8.28	18.3	5.73	28
29	12.3		26.5	21.2	5.07	1.34	0.849	0.528	0.290	6.76	15.0	5.28	29
30	57.2		21.3	21.2	5.18	1.46	0.634	0.488	0.281	5.27	12.8	5.00	30
31	61.0		21.8		4.85		0.653	0.443		4.46		5.08	31
TOTAL	902.8	494.86	765.8	849.8	289.88	66.01	41.275	18.638	10.021	150.989	525.08	715.84	TOTAL
MEAN	29.1	17.7	24.7	28.3	9.34	2.20	1.33	0.601	0.334	4.87	17.5	23.1	MEAN
MAX	74.0	62.3	57.0	57.8	22.5	4.89	3.47	0.995	0.441	25.1	66.3	161	MAX
MIN	12.3	6.60	11.2	16.4	3.78	1.18	0.634	0.443	0.257	0.270	3.17	5.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.2
MAXIMUM DAILY, 161 ON DEC 4
MINIMUM DAILY, 0.257 ON SEP 24
MAXIMUM INSTANTANEOUS,
301 AT 04:24 PST ON DEC 4

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 52 46 N
LONG 123 42 07 W
DRAINAGE AREA, 355 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	78 000	JUL	3 570
FEB	42 700	AUG	1 610
MAR	66 200	SEP	866
APR	73 400	OCT	13 000
MAY	25 000	NOV	45 400
JUN	5 700	DEC	61 800

TOTAL DISCHARGE, 417 000 dam³

CHERRY CREEK BELOW PENDLETON CREEK - STATION NO. 08LF088

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.017	0.042B	0.011	0.012E	0.074	0.343	0.084E	0.032	0.037	0.036	0.027	0.020	1
2	0.017	0.019B	0.011	0.011E	0.074E	0.289	0.052E	0.084	0.041	0.035	0.027	0.020	2
3	0.017	0.008B	0.011	0.011E	0.072E	0.253	0.042	0.039	0.041E	0.036	0.027	0.021	3
4	0.017	0.008B	0.011	0.012E	0.070E	0.180	0.043	0.038	0.041	0.036	0.031	0.020	4
5	0.017	0.008B	0.011	0.014E	0.066	0.117	0.041	0.032	0.041	0.036	0.026	0.020	5
6	0.016B	0.008B	0.011	0.014	0.068E	0.084	0.036	0.031	0.040	0.033	0.027	0.020	6
7	0.016B	0.008B	0.011	0.014E	0.068E	0.074	0.038	0.030	0.040	0.032	0.026	0.020	7
8	0.016B	0.008B	0.011	0.014E	0.066E	0.065	0.038	0.031	0.040	0.034	0.026	0.020	8
9	0.017	0.011	0.011	0.014E	0.066E	0.058	0.035	0.032	0.040	0.033	0.024	0.021	9
10	0.017	0.012	0.011	0.015E	0.064E	0.057	0.035	0.032	0.040	0.043	0.022	0.020	10
11	0.017	0.011	0.011	0.014	0.062E	0.052	0.035	0.033E	0.040	0.034	0.023	0.019	11
12	0.017	0.011	0.011	0.015E	0.060E	0.050	0.034	0.033E	0.040	0.032	0.023	0.019	12
13	0.016	0.011	0.010E	0.015E	0.058E	0.047	0.033	0.033	0.040	0.032	0.024	0.019	13
14	0.016	0.011	0.009E	0.015E	0.058E	0.047	0.039	0.033	0.040	0.032	0.023	0.019	14
15	0.016	0.011	0.009E	0.015E	0.058E	0.044	0.055	0.035	0.040	0.033	0.023	0.019	15
16	0.016	0.011	0.009E	0.015E	0.058E	0.042	0.043	0.052	0.039	0.032	0.023	0.019	16
17	0.017	0.011	0.009E	0.015E	0.056E	0.043	0.041	0.042	0.043	0.033	0.024	0.018	17
18	0.017	0.011	0.009E	0.016E	0.058	0.042	0.043	0.039	0.042	0.032	0.022	0.018	18
19	0.017	0.011	0.009E	0.016E	0.058E	0.038	0.040	0.040	0.043	0.032	0.022	0.019	19
20	0.017	0.011	0.009E	0.014	0.058E	0.044	0.036	0.039	0.041	0.033	0.022	0.018	20
21	0.017	0.012	0.011E	0.014E	0.058E	0.041	0.035	0.043	0.041	0.031	0.022	0.018	21
22	0.017	0.016	0.013E	0.014E	0.058E	0.044	0.033	0.035	0.040	0.030	0.021	0.018E	22
23	0.016B	0.018	0.013E	0.014E	0.056E	0.053	0.032	0.036	0.040	0.030	0.022	0.018	23
24	0.016B	0.017	0.012E	0.016E	0.065E	0.072	0.033	0.038	0.040	0.031	0.021	0.020	24
25	0.016	0.014	0.013E	0.021E	0.135E	0.076	0.032	0.033	0.040	0.031	0.021	0.019	25
26	0.016	0.012	0.012E	0.030E	0.210E	0.089	0.032	0.033	0.040	0.030	0.021	0.019	26
27	0.016	0.012	0.012E	0.030E	0.440E	0.081	0.030	0.033	0.039	0.030	0.020	0.019	27
28	0.016	0.011	0.012E	0.030E	0.420E	0.080	0.030	0.034	0.039	0.029	0.020	0.019	28
29	0.016		0.012E	0.040E	0.400E	0.080	0.029	0.033	0.039E	0.028	0.020	0.019	29
30	0.070		0.012E	0.050E	0.380E	0.077E	0.030	0.032	0.039	0.028	0.019	0.019	30
31	0.068		0.012E		0.365		0.030	0.033		0.027E		0.019	31
TOTAL	0.616	0.357	0.338	0.539	3.969	2.693	1.156	1.116	1.207	1.002	0.701	0.584	TOTAL
MEAN	0.020	0.012	0.011	0.018	0.128	0.090	0.036	0.036	0.040	0.032	0.023	0.019	MEAN
MAX	0.070	0.042	0.013	0.050	0.440	0.343	0.084	0.084	0.043	0.043	0.031	0.021	MAX
MIN	0.016	0.008	0.009	0.011	0.056	0.038	0.028	0.030	0.037	0.027	0.019	0.018	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.038
MAXIMUM DAILY, 0.440E ON MAY 27
MINIMUM DAILY, 0.008B ON FEB 3

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 40 30 N
LONG 120 34 28 W
DRAINAGE AREA, 143 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	53.4	JUL	101
FEB	30.8	AUG	96.5
MAR	29.2	SEP	104
APR	46.6	OCT	86.6
MAY	338	NOV	60.6
JUN	233	DEC	50.5

TOTAL DISCHARGE, 1 330 dam³

CHERRY CREEK NEAR CHERRYVILLE - STATION NO. 08LC049

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	2.30	20.1	21.2	14.1	4.48	5.58	---	---	---	1
2	---	---	---	2.30	21.5	28.7	14.4	4.72	5.78	---	---	---	2
3	---	---	---	3.23	21.2	27.1	13.8	5.68	5.75	---	---	---	3
4	---	---	---	3.13	21.7	27.7	12.2	5.10	5.87	---	---	---	4
5	---	---	---	2.32	25.1	31.0	11.2	4.81	5.83	---	---	---	5
6	---	---	---	2.87	32.4	32.0	10.2	4.40	5.29	---	---	---	6
7	---	---	---	3.05	35.9	31.4	9.62	4.35	5.24	---	---	---	7
8	---	---	---	2.89	35.3	27.8	9.60	4.29	5.18	---	---	---	8
9	---	---	---	3.76	37.2	30.8	8.07	4.27E	4.76	---	---	---	9
10	---	---	---	3.84	49.6	29.9	8.80	4.21	4.84	---	---	---	10
11	---	---	---	3.28	38.0	26.2	8.85	4.08	4.35	---	---	---	11
12	---	---	---	3.88	35.6	24.8	8.38	3.94	4.29	---	---	---	12
13	---	---	---	4.75	28.2	23.6	8.28E	3.75	4.06	---	---	---	13
14	---	---	---	5.40	20.0	38.6	8.14	4.28	3.89	---	---	---	14
15	---	---	---	8.63	18.4	41.7	8.47	5.75	3.81	---	---	---	15
16	---	---	---	8.48	17.8	33.2	8.05	4.75	3.87	---	---	---	16
17	---	---	---	8.59	16.8	28.3	7.75	4.87	3.88	---	---	---	17
18	---	---	---	9.14	16.8	25.8	7.48	4.21	3.48	---	---	---	18
19	---	---	---	11.2	18.0E	24.5	7.00	4.18	3.40	---	---	---	19
20	---	---	---	15.0	16.1	21.5	6.73	4.13	3.38	---	---	---	20
21	---	---	---	16.5	14.5	18.4	6.48	4.75E	3.33	---	---	---	21
22	---	---	---	14.5 E	14.7	16.3	6.40	5.24	3.38	---	---	---	22
23	---	---	---	12.8	14.2	15.5	6.48	5.05	3.38	---	---	---	23
24	---	---	---	11.6	14.1	15.7	6.51	4.72	3.38	---	---	---	24
25	---	---	---	11.7	13.9	16.3E	6.13	4.80	3.38	---	---	---	25
26	---	---	---	11.8	13.6	15.8	5.07	5.07	3.38	---	---	---	26
27	---	---	---	11.8	13.2	15.0	5.02	5.61	3.38	---	---	---	27
28	---	---	---	11.4	13.1	14.0	4.78	5.37	3.40	---	---	---	28
29	---		---	12.7	13.4	13.1	4.70	5.05	3.40	---	---	---	29
30	---		---	14.9	14.8	12.7	4.32	5.18	3.40	---	---	---	30
31	---		---		16.3		4.26	5.81		---	---	---	31
TOTAL	---	---	---	237.49	550.1	723.8	249.41	149.39	126.19	---	---	---	TOTAL
MEAN	---	---	---	7.92	21.9	24.1	8.05	4.82	4.17	---	---	---	MEAN
MAX	---	---	---	16.5	49.6	41.7	14.4	5.68	5.78	---	---	---	MAX
MIN	---	---	---	2.18	13.1	12.7	4.26	3.75	3.33	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 49.6 ON MAY 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 16 22 N
LONG 118 38 00 W
DRAINAGE AREA, 503 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	31 000
FEB	---	AUG	12 000
MAR	---	SEP	10 000
APR	30 000	OCT	---
MAY	68 000	NOV	---
JUN	83 000	DEC	---

CHESLATTA LAKE AT WEST END - STATION NO. 08JA018

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.720	2.688E	2.716A	2.883	3.188	3.183	3.137	5.200	3.188	2.838	2.783	2.810	1
2	2.723	2.692E	2.703A	2.888	3.188	3.175	3.137	5.587	3.187	2.818	2.788	2.815	2
3	2.726	2.686A	2.689	2.891	3.188	3.172	3.138	5.887	3.121	2.815	2.788	2.817	3
4	2.725	2.681A	2.689	2.892	3.213	3.187	3.137	5.262	3.100	2.808	2.782	2.827	4
5	2.720	2.678A	2.684	2.888	3.224	3.188	3.140	5.209	3.073	2.806	2.769	2.828	5
6	2.708	2.678A	2.684	2.882	3.230	3.184	3.140	5.888	3.084	2.806	2.783	2.824	6
7	2.706A	2.686A	2.700	2.880	3.243	3.182	3.145	5.887	3.038	2.798	2.781	2.825	7
8	2.697	2.717A	2.684	2.880	3.245	3.143	3.150	5.915	3.024	2.798	2.781	2.827	8
9	2.717	2.683A	2.683	2.886	3.241	3.138	3.155	5.730	3.010	2.785	2.787	2.828	9
10	2.723	2.686A	2.681	2.887	3.241	3.138	3.161	5.394	2.993	2.781	2.787	2.830	10
11	2.722	2.682A	2.728	2.881	3.244	3.128	3.158	5.068	2.988	2.779	2.780	2.835	11
12	2.731	2.681	2.770	2.884	3.240	3.128	3.264	4.904	2.988	2.774	2.784	2.832	12
13	2.728	2.677	2.755	2.884	3.246	3.120	3.574	4.878	2.967	2.773	2.783	2.833	13
14	2.728	2.674	2.726	2.888	3.237	3.136	3.845	4.878	2.932	2.783	2.788	2.818	14
15	2.723	2.678	2.707	2.892	3.230	3.133	4.260	4.874	2.918	2.788	2.771	2.836	15
16	2.720	2.670A	2.701	2.728	3.224	3.128	4.783	4.872	2.921	2.783	2.772	2.828	16
17	2.720	2.673A	2.690E	2.884	3.222	3.130	5.244	4.875	2.917	2.770	2.774	2.838	17
18	2.720	2.676A	2.684	2.888	3.222	3.134	5.248	5.040	2.908	2.784	2.783	2.833	18
19	2.727	2.673	2.688	2.900	3.208	3.116	5.279	5.120	2.898	2.784	2.787	2.838	19
20	2.719	2.673	2.688	2.924	3.209	3.112	5.287	4.887	2.893	2.788	2.787	2.843	20
21	2.715	2.674	2.690	2.948	3.213	3.116	5.021	4.868	2.888	2.783	2.788	2.848	21
22	2.714	2.683	2.690	2.975	3.212	3.116	4.811	4.832	2.878	2.780	2.805	2.848	22
23	2.704	2.683	2.684	2.998	3.204	3.108	4.771	4.833	2.868	2.772	2.803	2.847	23
24	2.710	2.684	2.686	3.023	3.191	3.116	4.761	4.828	2.896	2.771	2.804	2.840	24
25	2.714	2.688	2.685	3.039	3.188	3.119	4.788	3.888	2.888	2.787	2.808	2.834	25
26	2.711	2.684	2.680	3.064	3.188	3.107	4.810	3.717	2.848	2.785	2.808	2.841	26
27	2.708	2.688	2.687	3.082	3.185	3.116	4.818	3.881	2.838	2.782	2.810	2.837	27
28	2.708	2.688	2.682	3.104	3.188	3.124	4.831	3.488	2.828	2.788	2.788	2.842	28
29	2.712		2.689	3.128	3.185	3.135	4.841	3.352	2.833	2.784	2.788	2.838	29
30	3.713A		2.688	3.158	3.188	3.130	5.084	3.274	2.830	2.788	2.781	2.836	30
31	3.700E		2.682		3.188		5.142	3.224		2.781		2.838	31
MEAN	2.717	2.683	2.698	2.935	3.215	3.134	4.184	4.733	2.982	2.778	2.777	2.832	MEAN
MAX	2.738	2.717	2.770	3.158	3.248	3.183	5.287	5.815	3.188	2.838	2.810	2.847	MAX
MIN	2.697	2.670	2.684	2.881	3.188	3.107	3.137	3.224	2.828	2.768	2.781	2.810	MIN

WATER LEVELS IN METRES

MEAN, 3.133
MAXIMUM DAILY, 5.815 ON AUG 6
MINIMUM DAILY, 2.670A ON FEB 10
MAXIMUM INSTANTANEOUS,
5.838 AT 16:17 PST ON AUG 6

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 42 35 N
LONG 125 38 20 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

CHILCOTIN RIVER ABOVE CLUSKO RIVER - STATION NO. 08MB010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	10.9	12.4	5.10	4.76	5.04	4.24	---	---	1
2	---	---	---	---	11.1	11.6	5.59	4.86	4.93	4.24	---	---	2
3	---	---	---	---	10.1	10.2	5.11	4.89	4.75	4.26	---	---	3
4	---	---	---	---	10.0	9.21	4.95	4.88	4.67	4.28	---	---	4
5	---	---	---	---	10.8	8.77	5.28	4.60	4.63	4.28	---	---	5
6	---	---	---	---	11.0	8.35	5.64	4.38	4.58	4.28	---	---	6
7	---	---	---	---	11.1	7.48	5.50	4.24	4.52	4.30	---	---	7
8	---	---	---	---	11.3	6.95	5.40	4.14	4.48	4.30	---	---	8
9	---	---	---	---	11.5	6.70	5.38	4.12	4.38	4.28	---	---	9
10	---	---	---	---	11.3	6.39	5.57	4.22	4.34	4.28	---	---	10
11	---	---	---	---	10.3	6.12	6.52	4.38	4.34	4.28	---	---	11
12	---	---	---	---	9.56	5.89	6.80	4.30	4.35	4.24	---	---	12
13	---	---	---	---	7.32	5.81	6.44	4.24	4.32	4.22	---	---	13
14	---	---	---	---	8.81	5.71	7.80	4.44	4.28	4.14B	---	---	14
15	---	---	---	---	8.56*	5.64	6.76	5.04	4.24	4.14B	---	---	15
16	---	---	---	---	8.73	5.54	6.20	5.38	4.24	4.14B	---	---	16
17	---	---	---	---	7.63	5.36	5.89	5.14	4.24	4.52	---	---	17
18	---	---	---	---	8.32	5.21	5.74	5.11	4.22	4.32	---	---	18
19	---	---	---	---	8.23	5.00	5.54	5.15	4.24	4.36	---	---	19
20	---	---	---	---	7.29	4.95	5.33	5.02	4.26	4.36	---	---	20
21	---	---	---	---	6.78	4.93	5.23	5.15	4.26	4.36	---	---	21
22	---	---	---	---	6.53	5.28	5.38	5.59	4.26	4.28	---	---	22
23	---	---	---	---	6.50	5.28	5.28	6.05	4.24	4.24	---	---	23
24	---	---	---	---	7.01	4.89	5.40	6.08	4.22	4.36	---	---	24
25	---	---	---	---	7.18	4.89	5.45	5.89	4.22	4.40	---	---	25
26	---	---	---	8.32	7.51	4.60	5.16	5.33	4.22	4.35	---	---	26
27	---	---	---	7.85	8.21	4.50	4.88	4.88	4.20	3.86	---	---	27
28	---	---	---	8.23	9.31	4.55	4.71	4.86	4.20	3.60B	---	---	28
29	---		---	8.50	8.29	4.67	4.65	5.07	4.20	3.85B	---	---	29
30	---		---	8.76	8.32	5.09	4.67	5.18	4.22	3.60B	---	---	30
31	---		---		10.8		4.80	5.35		3.75B		---	31
TOTAL	---	---	---	---	274.09	191.77	180.33	152.18	131.28	130.62	---	---	TOTAL
MEAN	---	---	---	---	8.84	6.39	5.82	4.91	4.38	4.21	---	---	MEAN
MAX	---	---	---	---	11.5	12.4	7.80	6.08	5.04	4.52	---	---	MAX
MIN	---	---	---	---	6.50	4.50	4.65	4.12	4.20	3.75	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 12.4 ON JUN 1

MAXIMUM INSTANTANEOUS,
12.8 AT 16:25 PST ON JUN 1

DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 25 34 N
LONG 124 05 09 W
DRAINAGE AREA, 1 480 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	15 600
FEB	---	AUG	13 100
MAR	---	SEP	11 300
APR	---	OCT	11 300
MAY	23 700	NOV	---
JUN	16 600	DEC	---

CHILCOTIN RIVER BELOW BIG CREEK - STATION NO. 08MB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.8B	19.0B	21.5B	23.4	48.2	96.6	184	200	195	97.0	56.9	39.4	1
2	20.5B	18.0B	21.3B	23.7	48.8	121	178	220	192	95.6	56.2	39.9	2
3	20.2B	18.2B	21.5B	23.6	55.1	147	172	244	188	92.6	56.2	41.3	3
4	20.0B	20.0B	22.0B	23.3A	60.5	170	167	243	187	89.2	56.1	43.4	4
5	19.5B	21.5B	22.1B	23.7	66.3	180	163	241	179	86.1	56.2	44.6	5
6	19.3B	22.0B	22.1B	24.3	73.1	208	158	240	172	81.0	55.7	44.1	6
7	19.0B	22.4B	22.2B	25.1	80.2	219	153	238	164	79.5	56.0	43.5	7
8	18.9B	21.8B	22.5B	27.0	87.7	223	152	237	159	78.2	53.0	44.6	8
9	18.9B	21.2B	22.8B	26.5	95.9	227	150	236	168	75.5	54.3	43.5	9
10	19.1B	21.0B	22.8B	26.6	101	220	153	237	157	76.3	56.2	41.0	10
11	19.5B	20.8B	22.0B	28.6	103	218	160	218	152	74.2	58.6	39.1	11
12	19.8B	20.5B	21.8B	30.1	96.9	227	168	205	148	74.3	56.6	41.0	12
13	20.5B	20.2B	23.0	31.2	94.2	237	175	193	143	70.3	54.4	40.5	13
14	21.1B	20.0B	23.4	32.8	86.7	248	189	189	140	69.4	55.1	40.9	14
15	21.8B	20.0B	23.3	34.0	85.2	253	199	192	136	65.6	50.3	41.6	15
16	21.7B	20.1B	22.7	37.6	85.1	247	208	198	136	63.4	51.0	40.7	16
17	21.4B	20.2B	22.2	38.6	86.2	237	211	220	133	61.6	51.5	40.5	17
18	21.3B	20.5B	22.3	38.9	90.8	223	210	228	128	63.3	51.2	39.9	18
19	21.3B	21.2B	22.3	36.7	88.5	208	204	231	120	65.6	57.1	39.2	19
20	21.4B	21.5B	22.4	39.2	84.5	191	200	241	112	69.4	53.3	38.6	20
21	21.0B	21.2B	22.8	40.7	80.0	178	189	252	103	70.0	49.0	33.4	21
22	20.5B	21.6B	22.3	40.9	77.9	165	186	253	97.2	69.4	47.7	32.5	22
23	20.2B	22.1B	23.0	41.8	76.5	162	167	242	95.7	67.4	47.2	34.6	23
24	20.3B	23.0B	22.9	42.3	74.6	163	181	228	93.7	68.8	46.2	35.1	24
25	20.6B	23.6B	23.0	39.4	75.5	171	175	213	93.3	73.6	46.7	36.2	25
26	21.1B	22.0B	23.2	36.6	78.0	180	173	211	93.2	71.5	43.3	36.3	26
27	21.0B	22.5B	23.4	37.1	75.4	208	177	206	93.3	69.4	40.7	36.2	27
28	21.3B	23.0B	23.6	36.0	74.9	208	163	203	95.2	65.4	42.3	37.6	28
29	22.0B		23.5	36.8	76.6	200	164	200	98.4	63.0	45.4	35.0	29
30	22.8B		23.7	41.0	77.9	180	162	195	96.7	61.4	41.3	37.2	30
31	21.0B		23.7		83.1		167	193		56.6		38.7	31
TOTAL	637.9	589.9	701.0	993.6	2 471.6	5 946.6	5 577	6 840	4 059.7	2 264.7	1 548.6	1 217.1	TOTAL
MEAN	20.6	21.1	22.6	33.1	79.7	198	180	221	135	73.1	51.7	39.3	MEAN
MAX	22.8	23.6	23.7	42.3	103 *	253	211	253	195	97.0	58.6	44.6	MAX
MIN	18.9	18.0	21.3	23.3	48.2	96.6	150	189	93.2	56.6	40.7	32.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 90.0
MAXIMUM DAILY, 253 ON JUN 15
MINIMUM DAILY, 18.0B ON FEB 2
MAXIMUM INSTANTANEOUS,
259 AT 22:35 PST ON AUG 21

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 50 55 N
LONG 122 38 12 W
DRAINAGE AREA, 19 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	55 100	JUL	482 000
FEB	51 000	AUG	591 000
MAR	60 600	SEP	351 000
APR	85 800	OCT	196 000
MAY	214 000	NOV	134 000
JUN	514 000	DEC	105 000

TOTAL DISCHARGE, 2 840 000 dam³

CHILKO RIVER AT OUTLET OF CHILKO LAKE - STATION NO. 08MA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.3	8.358	7.13	6.48	10.7	30.3	84.4	88.9	85.9	48.1	27.0E	31.0E	1
2	12.1	8.308	7.07	6.43	11.6	33.2	81.9	93.8	84.0	43.8	26.9E	32.0E	2
3	11.8	8.408	7.17	6.19	13.3	36.8	81.0	93.8	84.5	44.4	26.5E	32.6E	3
4	11.7	8.428	7.13	5.82	13.3	42.4	78.7	84.4	81.6	43.7	26.0E	33.9E	4
5	11.2	8.47	7.06	5.52	13.2	46.0	77.8	85.9	76.6	40.6	25.6E	33.1E	5
6	10.8	8.45	7.07	6.06	14.0	51.2	76.2	85.8	75.9	41.1	25.0E	33.0E	6
7	10.4	8.408	7.18	6.72	15.9	56.6	73.6	87.6	74.4	40.2	25.0E	33.2E	7
8	10.4	8.368	6.87	6.71	16.9	60.2	72.7	86.1	74.0	38.6	25.5E	33.5A	8
9	10.4	8.308	6.83	6.76	16.6	62.3	73.8	86.4	73.2	38.2	26.0E	33.1	9
10	10.8	8.308	6.84	6.76	20.3	66.0	72.7	86.1	72.1	37.6	27.0E	32.9	10
11	11.2	8.308	6.84	6.73	21.5	70.4	72.0	84.6	71.3	37.3	28.0E	32.6	11
12	11.5	8.30	6.88	6.88	21.6	74.4	74.4	80.6	70.0	36.7	27.0E	32.2	12
13	10.2	7.77	7.00	6.83	22.2	76.4	77.8	80.7	68.0	34.7	27.0E	31.8	13
14	10.8	7.88	7.02	6.70	22.7	84.4	82.2	88.6	68.0	33.0	26.5E	31.8	14
15	11.2	7.67	6.88	6.78	23.4	87.0	85.0	88.7	68.9	32.1	26.0E	31.1	15
16	11.4	7.38	6.88	6.87	23.7	86.3	88.4	91.5	68.0	31.8	26.0E	30.8	16
17	11.4	7.43	6.80	6.48	24.1	87.8	87.7	92.8	82.8	33.0	26.5E	30.7A	17
18	8.93	7.38	6.88	6.68	25.2	85.8	87.3	84.8	82.2	33.9	26.0E	19.8E	18
19	11.1	7.38	6.83	6.70	25.0	83.8	88.4	87.7	81.3	34.7	25.2E	19.0E	19
20	8.83	7.80	6.82	7.25	24.4	82.8	87.8	101	87.8	34.4	25.2E	18.2E	20
21	8.18	7.45	7.19	7.59	24.0	78.7	85.8	102	83.7	33.8	24.9E	18.8E	21
22	8.60	7.48	6.83	7.44	23.8	76.2	83.8	101	83.1	33.4	24.7E	18.9E	22
23	9.85	7.60	6.38	7.41	24.1	76.7	81.5	96.1	81.8	31.0	24.8E	19.2E	23
24	8.37	7.81	6.84	7.43	25.1	77.8	81.4	95.3	81.7	33.8	24.5E	18.8A	24
25	8.38	7.70	6.82	7.76	25.8	81.1	82.3	92.8	80.4	33.7	24.0E	18.8	25
26	8.33	7.47	6.88	7.88	25.3	84.3	83.8	92.0	48.5	33.1	23.8E	18.5	26
27	9.17	7.13	6.74	7.88	24.7	84.3	83.6	91.6	48.5	31.7A	23.5A	17.6	27
28	8.73	6.98	6.43	8.44	25.3	85.4	84.6	88.5	48.4	31.0E	22.8E	18.3	28
29	9.48		6.83	8.82	25.8	85.3	83.3	88.1	48.4	29.8E	21.8E	17.8	29
30	9.48		6.84	9.72	26.4	85.8	83.1	88.1	48.9	28.0E	21.4E	18.0	30
31	8.41		6.71		26.0		86.2	88.8		27.8E		17.8	31
TOTAL	323.31	220.13	212.48	201.81	668.8	2 122.2	2 518.4	2 812.4	1 940.1	1 088.8	768.7	638.7	TOTAL
MEAN	10.4	7.88	6.85	6.73	21.3	70.7	81.2	83.8	64.7	35.6	25.3	20.8	MEAN
MAX	13.3	8.47	7.18	9.72	26.0	86.3	87.7	102	85.9	48.1	28.0	33.9	MAX
MIN	8.41	6.98	6.38	5.82	10.7	30.3	72.0	84.1	48.5	27.8	21.4	17.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 37.3
MAXIMUM DAILY, 102 ON AUG 21
MINIMUM DAILY, 5.82 ON APR 5
MAXIMUM INSTANTANEOUS,
105 AT 13:51 PST ON AUG 21

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 37 31 N
LONG 124 06 31 W
DRAINAGE AREA, 2 110 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	27 900	JUL	216 000
FEB	18 000	AUG	252 000
MAR	18 400	SEP	168 000
APR	17 400	OCT	88 000
MAY	55 800	NOV	65 400
JUN	183 000	DEC	55 300

TOTAL DISCHARGE, 1 180 000 dam³

CHILKO RIVER NEAR REDSTONE - STATION NO. 08MA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.6B	15.6B	13.6B	14.3B	26.6	131	188	195	173	81.6	48.5	31.5	1
2	16.7B	15.4B	13.8B	14.0B	33.6	164	184	207	170	80.6	48.6	32.1	2
3	16.7B	15.1B	14.0B	13.8B	37.8	172	184	223	167	80.8	50.7	34.3	3
4	16.6B	15.2B	14.1B	13.6B	43.6	188	184	234	165	84.2	46.2	36.6	4
5	16.0B	15.3B	14.2B	13.2B	50.6	198	148	224	169	79.1	47.0	34.6	5
6	17.7B	15.2B	14.3B	13.4B	57.3	204	144	224	164	78.6	47.3	34.6	6
7	17.0B	15.1B	14.4B	13.4B	66.6	206	141	224	147	76.3	48.0	34.1	7
8	16.6B	15.0B	14.3B	13.3B	73.0	202	140	222	148	73.1	48.6	34.6	8
9	13.8B	15.0B	14.1B	13.8E	78.0	200	140	220	147	70.7	48.5	33.4	9
10	17.0B	14.9B	13.9B	13.9E	76.6	208	143	213	144	68.0	51.6	32.3	10
11	17.0B	14.8B	13.9B	14.1E	76.6	218	147	204	138	69.7	50.6	32.6	11
12	17.0B	14.7B	14.1B	14.2E	74.2	228	154	191	138	67.0	49.4	33.0	12
13	17.1B	14.8B	14.7B	14.8A	72.4	232	162	183	136	63.9	50.6	31.8	13
14	17.3B	14.4B	14.6B	14.0E	73.4	226	176	178	133	61.1	48.8	31.6	14
15	17.0B	14.1B	14.0B	14.9E	74.6	221	188	160	131	58.7	48.8	31.2	15
16	17.0B	14.0B	14.8B	15.0E	76.3	212	194	168	128	57.1	48.8	31.0	16
17	17.0B	13.9B	14.6B	15.3E	74.6	196	198	198	122	57.6	48.7	30.3	17
18	17.6B	13.8B	14.8B	15.8E	71.8	183	194	203	118 A	58.1	47.8	29.4	18
19	17.1B	14.0B	14.7B	15.0E	68.6	171	186	210	111	62.0	47.1	28.0B	19
20	16.6B	14.2B	14.6B	16.3E	66.7	163	187	218	102	64.6	41.0	28.0B	20
21	16.6B	14.5B	14.6B	16.7E	64.6	154	188	225	98.3	64.8	40.3	28.0B	21
22	16.6B	14.7B	14.5B	17.0E	64.7	150	181	223	91.0	62.5	38.3	28.6B	22
23	16.6B	14.6B	14.4B	17.1E	65.2	151	173	213	88.6	60.0	40.2	30.0B	23
24	16.6B	14.6B	14.3B	17.5E	65.6	157	167	201	87.6	63.6	38.8	31.0B	24
25	15.6B	14.7B	14.6B	16.6E	63.7	171	163	192	86.4	63.6	36.6	30.6B	25
26	16.6B	14.6B	15.0B	15.6E	63.6	183	164	188	88.3	63.1	34.6	30.6	26
27	15.7B	14.0B	14.8B	21.7A	64.1	183	170	187	88.4	88.3	36.4	28.7	27
28	15.0B	13.7B	14.8B	22.0	66.7	188	173	183	90.6	66.4	36.0B	27.4	28
29	15.6B		13.6B	23.1	73.7	184	174	180	92.8	66.3	34.0B	28.0	29
30	17.3B		14.1B	26.1	87.4	178	178	178	82.2	63.3	33.8	28.1	30
31	16.6B		14.2B		106		181	178		60.7		28.0	31
TOTAL	533.1	410.3	444.7	488.2	2 063.4	5 818	5 193	6 270	3 731.1	2 088.6	1 329.4	967.3	TOTAL
MEAN	16.6	14.7	14.3	15.3	66.6	167	167	202	134	66.7	44.3	31.2	MEAN
MAX	16.6	15.6	15.0	26.1	106	232	198	225	172	81.6	51.6	36.6	MAX
MIN	13.6	13.7	13.6	13.2	26.6	131	140	178	87.6	60.7	33.6	27.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 78.7
MAXIMUM DAILY, 232 ON JUN 13
MINIMUM DAILY, 13.2B ON APR 5
MAXIMUM INSTANTANEOUS,
235 AT 10:18 PST ON JUN 13

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 04 12 N
LONG 123 32 12 W
DRAINAGE AREA, 8 040 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	48 200	JUL	448 000
FEB	38 400	AUG	542 000
MAR	38 400	SEP	323 000
APR	42 000	OCT	178 000
MAY	178 000	NOV	118 000
JUN	488 000	DEC	83 900

TOTAL DISCHARGE, 2 510 000 dam³

CHILLIWACK RIVER ABOVE SLESSE CREEK - STATION NO. 08MH103

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.4	32.3	10.7	15.8	87.1	77.4E	49.8	24.8	15.4	8.17	13.8	33.1	1
2	18.8	27.0B	10.4	15.7	86.2	80.1E	47.8	25.2	15.8	7.86	13.3	34.8	2
3	24.2	24.3B	10.1	15.4	85.5	84.4E	47.8	27.1	14.8	7.84	35.4	36.8	3
4	27.5	23.1B	9.85	15.4	86.6	107 E	46.5	24.8	14.2	7.80	86.0	150	4
5	23.2	22.4B	10.2	23.0	74.4	112 E	42.6	23.8	14.4	7.38	36.6	126	5
6	21.3	21.3B	11.8	33.8	86.1	111 E	41.4	23.8	13.8	7.24	42.8	104	6
7	19.7	20.4B	11.0	38.4	85.7	108 E	41.4	23.6	12.8	7.14	38.4	80.2	7
8	18.1	19.4B	10.8	33.6	86.2	103 E	39.7	23.4	12.6	7.06	70.6	68.6	8
9	18.8	18.8	11.1	31.8	86.1	97.2A	37.7	22.4	12.1	6.87	284	76.0	9
10	17.7	17.7	10.7	31.0	86.7	86.0E	39.4	21.2	11.8	6.87	346	85.3	10
11	17.0	17.0	10.0	32.6	83.9	97.0E	37.8	20.0	11.2	13.6	176	87.0	11
12	16.7	16.3	21.0	35.7	72.7	86.7A	38.7	19.0	10.8	22.1	126	81.0	12
13	16.7	15.7	20.8	40.3	64.8A	89.6	41.7	18.3	10.4	18.6	100	68.1	13
14	16.1	15.1	18.6	62.0	62.0E	103	42.8	18.7	10.2	18.6	84.8	62.1	14
15	15.9	14.6	18.6	80.6	61.6E	98.3	44.8	18.1	10.0	13.9	73.2	56.7	15
16	17.4	14.0	17.7	85.7	61.7E	82.4	41.9	27.4	9.88	12.7	65.0	35.8	16
17	18.2	13.6	16.8	81.8	60.0E	72.7	39.8	31.8	9.88	11.9	57.7	33.0	17
18	18.8	13.1	16.4	83.2	57.0E	66.6	38.6	19.6	9.60	14.3	52.3	30.6	18
19	18.6	12.7	16.8	87.2	52.3E	66.7	36.7	18.6	9.18	14.8	88.6	28.7	19
20	17.8	12.3	16.4	86.4	48.4E	61.0	37.4	18.8	8.88	13.6	83.4	26.8	20
21	17.8	12.0	16.2	86.6	46.1E	64.7	34.8	31.3	8.67	18.9	85.1	25.3	21
22	18.7	13.4	16.3	86.1	44.6E	63.4	32.8	31.8	8.48	17.3	88.7	24.8	22
23	18.7	13.3	15.8	83.2	43.8E	57.2	30.8	26.6	8.37	16.0	84.2	23.8	23
24	16.2	12.8	16.6	81.9	41.6E	62.7	30.0	22.8	8.27	21.9	86.8	22.3	24
25	14.7	11.9	16.6	81.8	40.1E	66.1	29.4	21.2	8.23	18.0	82.8	21.1	25
26	14.3	11.4	15.8	80.6	38.2E	64.6	28.4	20.2	8.72	19.2	46.4	20.4	26
27	14.1	11.2	16.6	82.0	36.1E	67.1	26.6	19.6	8.83	18.7	44.3	18.8	27
28	13.6	10.8	17.2	83.8	35.6E	83.4	27.1	18.2	8.32	17.2	40.8	18.0	28
29	18.2		16.6	87.8	42.2E	81.4	26.0	17.2	8.14	16.2	37.6	16.2	29
30	86.6		16.3	83.3	46.1E	80.6	26.4	16.6	8.01	16.6	36.4	17.6	30
31	46.4		16.1		67.6E		24.9	16.0		14.6		17.2	31
TOTAL	621.2	467.2	471.05	1 316.7	1 926.2	2 407.6	1 184.9	684.0	320.68	418.96	2 368.3	1 480.8	TOTAL
MEAN	20.0	16.7	15.2	42.5	62.1	80.3	37.3	22.1	10.7	13.6	76.8	47.1	MEAN
MAX	86.6	32.3	21.0	86.5	86.2	112	49.8	31.8	15.8	22.1	346	188	MAX
MIN	13.6	10.8	9.85	15.4	38.1	80.8	24.9	16.0	8.01	6.87	13.3	17.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 37.3
MAXIMUM DAILY, 346 ON NOV 10
MINIMUM DAILY, 6.87 ON OCT 9
MAXIMUM INSTANTANEOUS,
488 AT 03:43 PST ON NOV 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 06 09 N
LONG 121 39 42 W
DRAINAGE AREA, 848 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	53 700	JUL	88 800
FEB	40 400	AUG	58 100
MAR	40 700	SEP	27 700
APR	114 000	OCT	36 200
MAY	166 000	NOV	205 000
JUN	208 000	DEC	128 000

TOTAL DISCHARGE, 1 180 000 dam³

CHILLIWACK RIVER AT OUTLET OF CHILLIWACK LAKE - STATION NO. 08MH018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.0	13.4	8.08	8.38	30.1	38.7	28.6	16.6	8.84	6.17	6.74	17.6	1
2	9.77	13.8	8.84	8.22	31.7	37.8	28.6	16.7	8.67	6.11	6.38	16.7	2
3	9.80	13.1	8.78	8.07	32.4	48.1	26.6	16.6	8.38	6.00	6.73	22.1	3
4	11.3	12.8	8.64	7.88	33.3	61.4	27.8	16.1	8.06	4.88	13.3	47.3	4
5	11.6	12.2	8.86	8.88	34.8	68.1	26.6	16.7	8.78	4.78	14.1	67.4	5
6	11.4	11.7	8.77	10.1	36.4	68.8	26.2	16.8	8.80	4.88	18.1	83.8	6
7	11.0	11.2	8.80	12.1	44.1	80.4	24.3	16.4	8.24	4.88	18.0	86.7	7
8	10.7	10.7	8.80	13.4	48.4	88.4	23.4	16.4	8.02	4.80	18.8	86.3	8
9	10.8	10.3	8.86	14.1	80.8	87.8	23.8	16.2	7.76	4.41	32.2	46.3	9
10	10.3	9.83	8.83	14.2	82.0	83.7	22.8	14.8	7.61	4.88	81.1	38.8	10
11	10.0	8.40	7.81	16.4	48.8	81.0	22.8	14.2	7.32	4.88	87.8	35.3	11
12	9.87	8.83	8.84	18.0	46.2	81.4	22.7	13.8	7.00	6.06	83.8	31.3	12
13	9.87	8.88	8.44	18.0	40.8	83.1	22.7	12.8	8.68	7.07	88.1	28.0	13
14	9.46	8.22	8.82	18.0	38.6	84.7	24.8	12.8	8.70	7.81	88.8	26.2	14
15	9.13	7.82	8.85	21.8	36.1	88.8	26.6	12.3	8.62	7.88	48.0	23.1	15
16	9.20	7.66	8.78	24.8	33.3	81.7	27.1	12.8	8.38	7.84	38.2	21.1	16
17	9.68	7.44	8.87	26.7	33.3	48.8	26.4	12.8	8.27	7.32	34.2	19.8	17
18	9.81	7.26	8.26	26.0	33.1	41.7	26.8	12.2	8.08	7.26	30.1	18.1	18
19	9.78	7.02	8.07	26.8	31.8	36.3	24.8	11.8	8.04	7.41	26.2	16.8	19
20	9.81	6.84	8.77	26.8	28.3	36.8	24.8	11.8	8.72	7.48	30.0	16.7	20
21	8.86	6.67	8.86	31.7	27.2	33.7	23.8	13.3	8.87	7.86	33.8	16.7	21
22	8.28	6.71	8.72	31.8	26.8	30.3	22.4	13.8	8.62	8.86	33.0	15.8	22
23	8.86	6.76	8.61	30.8	24.3	28.8	21.1	14.4	8.42	8.06	31.4	13.2	23
24	8.83	6.74	8.37	28.8	23.8	30.8	20.3	14.0	8.34	10.1	30.0	13.8	24
25	8.33	6.82	8.30	27.8	22.8	32.7	19.8	13.8	8.28	10.8	26.2	12.0	25
26	8.07	6.46	8.27	26.8	21.7	34.7	19.1	12.8	8.34	10.8	26.0	11.8	26
27	7.84	6.30	8.32	26.8	21.1	34.3	18.8	12.4	8.36	10.7	23.8	11.0	27
28	7.66	6.17	8.88	26.8	21.1	32.7	18.3	11.8	8.34	10.4	22.0	10.8	28
29	7.82		8.83	26.7	21.2	31.2	17.7	11.2	8.26	10.1	20.3	10.2	29
30	8.88		8.42	26.1	22.1	30.1	17.2	10.7	8.22	8.88	18.8	9.78	30
31	13.2		8.33		24.7		16.8	10.3		8.33		8.81	31
TOTAL	288.81	280.21	344.03	808.78	1 018.3	1 310.8	724.0	421.8	205.18	224.98	893.45	788.80	TOTAL
MEAN	9.88	8.84	7.67	20.2	32.8	43.7	23.4	13.8	8.84	7.26	33.1	25.4	MEAN
MAX	13.2	13.8	8.88	31.8	82.0	88.4	28.8	16.7	8.84	10.7	87.8	87.4	MAX
MIN	7.82	6.17	8.88	7.88	21.1	28.8	16.8	10.3	8.22	4.41	6.38	8.81	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.6
MAXIMUM DAILY, 87.8 ON NOV 11
MINIMUM DAILY, 4.41 ON OCT 8
MAXIMUM INSTANTANEOUS,
101 AT 03:10 PST ON NOV 11

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 02 N
LONG 121 37 24 W
DRAINAGE AREA, 328 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	26 800	JUL	62 800
FEB	21 800	AUG	36 400
MAR	21 100	SEP	17 700
APR	52 300	OCT	18 400
MAY	68 000	NOV	85 800
JUN	113 000	DEC	68 200

TOTAL DISCHARGE, 612 000 dam³

CHILLIWACK RIVER AT VEDDER CROSSING - STATION NO. 08MH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	39.1	83.6	35.2	38.8	135	134	83.2	41.4	27.8	15.8	27.5	82.3	1
2	37.1	87.4	34.4	39.6	131	188	78.1	44.8	27.8	15.3	26.2	86.1	2
3	88.4	88.8	33.3	37.8	128	185	78.2	44.4	28.7	14.7	89.0	148	3
4	78.1	85.1	33.3	37.1	133	187	76.6	40.7	26.6	14.4	158	383 E	4
5	88.1	91.8	33.8	83.3	146	173	88.8	38.4	25.7	14.3	82.8	283	5
6	80.8	48.1	30.8	85.8	168	171	87.6	38.8	24.4	14.1	88.3	195	6
7	46.8	46.2	28.0	108	178	188	84.3	38.7	23.8	14.0	81.1	174	7
8	42.3	42.7	27.6	87.8	178	185	86.8	38.1	23.0	14.0	123	172	8
9	42.7	40.8	27.8	78.4	178	147	82.4	37.7	22.0	13.8	---	162	9
10	40.8	39.1	41.8	74.8	170	138	88.0	35.8	21.2	17.8	---	137	10
11	37.4	37.4	81.3	78.4	144	138	83.0	33.8	20.4	22.8	337	118	11
12	36.7	36.0	80.4	82.0	121	180	88.2	32.1	20.2	46.0	232	87.8	12
13	36.8	34.8	88.7	82.0	106	182	70.2	31.2	19.8	33.8	182	87.8	13
14	36.4	33.1	82.2	115	88.8	184	70.4	33.0	19.8	28.8	148	84.8	14
15	36.8	32.0	47.1	135	87.8	148	73.4	33.7	19.1	26.8	119	78.4	15
16	48.8	30.8	43.8	124	102	124	88.8	44.1	18.8	23.8	106	85.1	16
17	81.0	28.8	41.2	111	108	108	83.8	37.8	18.8	23.8	88.3	81.0	17
18	88.8	28.4	39.2	109	101	101	81.8	34.2	18.2	26.8	88.7	87.4	18
19	48.8	26.8	37.7	118	80.8	103	81.8	32.8	17.8	27.8	108	88.8	19
20	44.8	27.7	36.8	137	83.1	88.2	88.8	32.2	17.1	28.8	171	84.2	20
21	44.0	27.0	38.2	142	78.7	85.7	88.3	33.3	18.8	38.8	181	81.8	21
22	40.7	31.8	38.3	122	75.1	84.8	81.0	88.8	18.7	38.0	123	81.1	22
23	37.1	32.8	37.8	108	73.7	80.8	88.4	88.1	18.8	40.8	120	88.8	23
24	38.8	28.7	38.3	108	78.2	103	88.8	40.3	18.3	88.1	108	88.0	24
25	34.2	28.2	38.3	108	72.4	108	87.4	37.7	18.8	39.8	83.7	88.8	25
26	32.8	27.1	36.8	103	71.3	107	87.8	35.7	17.2	40.3	88.7	84.4	26
27	33.3	28.7	38.1	108	78.2	82.3	87.3	35.8	18.8	38.3	71.0	83.8	27
28	31.7	25.8	88.8	108	78.8	88.8	88.0	33.0	18.8	36.4	82.8	81.8	28
29	34.7		42.0	117	81.3	82.8	42.3	31.4	18.1	32.7	89.3	38.8	29
30	128		38.8	128	87.7	83.3	41.8	30.0	18.8	30.8	88.7	38.4	30
31	128		38.8		101		41.2	28.8		28.8		38.1	31
TOTAL	1 488.7	1 081.1	1 172.8	2 803.0	3 488.4	3 748.0	1 880.8	1 178.8	802.8	844.7	---	2 848.0	TOTAL
MEAN	48.3	38.8	37.8	88.4	112	125	81.0	38.0	20.1	27.2	---	88.1	MEAN
MAX	128	83.8	88.8	142	178	173	83.2	88.8	27.8	48.1	---	383	MAX
MIN	31.7	25.8	23.3	37.1	71.2	82.8	41.2	28.8	18.8	13.8	---	38.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 13.8 ON OCT 8

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 50 N
LONG 121 57 45 W
DRAINAGE AREA, 1 230 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	128 000	JUL	183 000
FEB	83 400	AUG	102 000
MAR	101 000	SEP	82 100
APR	250 000	OCT	73 000
MAY	300 000	NOV	---
JUN	324 000	DEC	255 000

CHRISTINA CREEK AT OUTLET OF CHRISTINA LAKE - STATION NO. 08MH014

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	0.814	---	---	---	---	2
3	---	---	---	---	1.832	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	0.880	---	---	4
5	---	---	---	1.158	---	---	1.311	---	---	---	---	---	5
6	---	---	1.085	---	---	---	---	---	0.880	---	---	---	6
7	---	---	---	---	---	1.815	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	0.824	---	---	---	---	9
10	---	---	---	---	2.027	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	0.880	---	---	11
12	---	---	---	1.231	---	---	1.277	---	---	---	---	---	12
13	---	---	1.084	---	---	---	---	---	0.853	---	---	---	13
14	---	---	---	---	---	1.433	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	0.836	---	---	---	---	16
17	---	---	---	---	2.012	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	0.887	---	---	18
19	---	---	---	1.508	---	---	1.081	---	---	---	---	---	19
20	---	---	1.073	---	---	---	---	---	0.880	---	---	---	20
21	---	---	---	---	---	1.341	---	---	---	---	---	---	21
22	---	1.038	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	0.884	---	---	---	---	23
24	---	---	---	---	1.707	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	0.898	---	---	25
26	---	---	---	1.539	---	---	0.981	---	---	---	---	---	26
27	---	---	1.118	---	---	---	---	---	0.880	---	---	---	27
28	---	---	---	---	---	1.372	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	0.817	---	29
30	---		---	---	---	---	---	0.881	---	---	---	---	30
31	---		---		1.815		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 03 31 N
LONG 118 12 26 W
DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

NATURAL FLOW

DRAINAGE AREA,
482 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 444.030 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

CHUCHINKA CREEK NEAR THE MOUTH - STATION NO. 07EE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.03 B	0.870B	0.885B	0.880B	40.0 E	3.45E	1.85	0.401	0.488	0.540	1.78	4.15B	1
2	1.02 B	0.810B	0.848B	1.01 B	33.6 E	3.28E	1.84	0.386	0.443	0.538	1.81	4.30B	2
3	1.01 B	0.788B	0.842B	1.02 B	28.6 E	2.85E	2.13	0.421	0.448	0.536	3.12	4.50B	3
4	1.01 B	0.728B	0.848B	1.04 B	30.4 E	2.42E	2.18	0.441	0.437	0.507	5.76	3.82B	4
5	1.00 B	0.708B	0.888B	1.05 B	29.8 E	2.32E	1.83	0.420	0.428	0.517	5.40	3.55B	5
6	0.870B	0.885B	0.874B	1.06 B	30.0 E	1.98A	1.88	0.434	0.432	0.527	4.88	3.28B	6
7	0.835B	0.868B	0.880B	1.06 B	30.2 E	1.85	1.48	0.388	0.413	0.536	4.02	3.07B	7
8	0.810B	0.855B	0.895B	1.10 B	28.5 E	1.73	1.46	0.369	0.388	0.507	3.49	2.78B	8
9	0.885B	0.840B	0.898B	1.20 B	23.6 E	2.14	1.86	0.323	0.388	0.508	3.83	2.82B	9
10	0.885B	0.828B	0.890B	1.48 B	22.3 E	2.83	1.88	0.300	0.348	0.507	5.76	2.68B	10
11	0.880B	0.818B	0.888B	1.76	21.0 E	2.18	1.32	0.283	0.328	0.498	5.00B	2.54B	11
12	0.880B	0.800B	0.890B	2.41	16.5 E	1.83	1.14	0.307	0.330	0.540	4.42B	2.52B	12
13	0.882B	0.883B	0.892B	3.47	13.3 E	1.57	1.02	0.307	0.322	0.552	4.40B	2.50B	13
14	0.888B	0.878B	0.895B	5.40	12.1 E	1.68	0.948	0.348	0.310	0.547	4.53B	2.40B	14
15	0.890B	0.885B	0.898B	7.20 B	11.3 E	2.28	0.889	0.388	0.302	0.529	4.85B	2.28B	15
16	0.900B	0.880B	0.895B	8.80 B	8.88A	2.21	0.895	0.353	0.292	0.518	4.88B	2.20B	16
17	0.908B	0.867B	0.890B	10.1	8.14A	1.89	0.857	0.334	0.283	0.511	4.69B	2.10B	17
18	0.915B	0.858B	0.892B	10.2	8.03E	1.83	0.853	0.303	0.284	0.524	4.75B	2.07B	18
19	0.920B	0.850B	0.900B	12.8	8.63E	1.78	0.783	0.308	0.489	1.34	8.14	1.97B	19
20	0.918B	0.860B	0.725B	21.1	7.85E	1.67	0.736	0.287	1.21	1.88	7.80B	1.80B	20
21	0.910B	0.880B	0.770B	37.7	7.20E	1.62	0.708	0.380	1.21	1.47	8.05B	1.67B	21
22	0.888B	0.800B	0.635B	38.1	7.30E	1.63	0.672	0.643	0.884	1.88	8.20B	2.60B	22
23	0.875B	0.885B	0.888B	33.8	7.40E	1.81	0.680	1.10	0.821	2.08	8.58B	3.70B	23
24	0.860B	0.700B	0.878B	31.3	7.35E	1.76	0.631	1.34	0.888	2.86	4.85B	4.40B	24
25	0.885B	0.703B	0.885B	32.0	6.90E	1.83	0.586	1.21	0.839	2.36	4.40B	5.00B	25
26	0.875B	0.702B	0.910B	35.3	6.20E	1.35	0.569	0.824	0.878	2.88	4.05B	5.70B	26
27	0.885B	0.888B	0.920B	35.3	5.80E	1.27	0.533	0.735	0.880	3.89	3.82B	6.20B	27
28	0.815B	0.880B	0.930B	34.0 E	5.20E	1.23	0.471	0.657	0.630	2.83	4.08B	6.05B	28
29	0.830B		0.938B	36.2 E	4.70E	1.17	0.520	0.598	0.804	2.37	4.40B	5.75B	29
30	0.825B		0.950B	38.2 E	4.22E	1.18	0.478	0.584	0.832	2.17	4.40B	5.38B	30
31	0.810B		0.885B		3.85E		0.430	0.523		1.84		5.22B	31
TOTAL	28.482	18.177	23.630	446.840	478.35	58.06	33.290	15.732	15.262	38.788	142.38	108.80	TOTAL
MEAN	0.919	0.649	0.788	14.8	15.4	1.94	1.07	0.507	0.512	1.25	4.74	3.51	MEAN
MAX	1.03	0.870	0.885	38.2	40.0	3.85	2.15	1.34	1.21	3.89	8.14	8.20	MAX
MIN	0.880	0.550	0.842	0.880	3.85	1.17	0.430	0.283	0.292	0.498	1.78	1.67	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.66
MAXIMUM DAILY, 40.0E ON MAY 1
MINIMUM DAILY, 0.283 ON AUG 11
MAXIMUM INSTANTANEOUS,
42.6 AT 19:12 PST ON APR 21

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 31 45 N
LONG 122 38 00 W
DRAINAGE AREA, 311 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 480	JUL	2 880
FEB	1 570	AUG	1 330
MAR	2 030	SEP	1 330
APR	38 600	OCT	3 350
MAY	41 300	NOV	12 300
JUN	5 020	DEC	9 400

TOTAL DISCHARGE, 122 000 dam³

CLAYTON FALLS CREEK NEAR THE MOUTH - STATION NO. 08FB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.34	4.81A	1.78B	2.00E	12.8	13.2	8.95E	8.80E	3.88E	2.81	3.70E	6.85	1
2	3.32	2.40B	1.70B	1.88E	12.4	13.1	8.80E	8.48E	3.45E	2.72	7.18E	30.5	2
3	2.41	2.08B	1.75B	3.01E	11.7	13.8	8.75E	8.00E	4.00E	2.81	19.3 E	15.5	3
4	2.37	2.08B	1.78B	2.00E	11.0	14.3	8.70E	8.70E	4.50E	2.88	44.0 E	14.2	4
5	2.37	2.08B	1.78B	1.84E	11.2	13.9	8.65E	8.50E	3.95E	2.77	18.0 E	8.80	5
6	2.18	2.08B	1.77B	2.01E	18.3	13.3	8.80E	8.30E	3.75A	2.74	14.0 E	8.83	6
7	2.11	2.10B	1.75B	2.02E	13.8	11.8	8.75E	8.15E	4.43A	4.31	12.5 E	8.67	7
8	2.08B	2.12B	1.73B	3.01E	12.8	11.3	8.10E	4.85E	4.83A	3.81	28.0 E	8.72	8
9	2.05B	2.14B	1.73B	3.10E	11.1	10.8	8.35E	4.85E	4.17	8.47	78.0 E	8.25	9
10	2.05B	2.17B	1.79B	2.28E	8.61	11.3	8.80E	4.00E	3.78	8.07	40.0 E	4.25	10
11	2.13	2.20B	1.75B	2.60E	8.71	13.5	7.80E	4.20E	3.44	7.83	22.0 E	3.84	11
12	2.83	2.19B	1.76B	3.30E	8.36	12.8	8.40E	4.30E	3.41	7.04	13.0 E	3.83	12
13	2.13	2.13B	1.70B	4.00E	4.78	14.1	8.30E	4.18E	3.48	4.38	11.5 E	3.48	13
14	2.83	2.03B	1.68B	5.00E	5.48	14.6 A	8.00E	4.12E	3.30	3.70	9.00E	3.31	14
15	2.38	1.98B	1.88B	8.30E	7.48	13.5 E	8.80E	4.10E	3.02	3.03	7.00E	3.16	15
16	2.87	1.98B	1.88B	5.20E	9.83	10.0 E	8.40E	4.10E	2.77	2.83	8.26A	2.97	16
17	3.81	1.97B	1.70B	4.50E	7.84	8.50E	8.20E	4.05E	2.84	17.8 E	11.1	2.78	17
18	3.71	1.88B	1.72B	4.10A	7.68	8.80E	8.10E	4.40E	2.90	28.4 E	48.7	2.88	18
19	3.32	2.01B	1.76B	6.12	8.85	8.80E	7.92A	5.00E	2.83	19.4 E	26.8	2.84	19
20	2.80B	2.04B	1.83B	8.86	4.81	8.40E	8.22	8.00E	2.72	20.7 E	10.6	2.81	20
21	2.78B	2.02B	1.87B	7.13	4.43	7.00E	8.22	7.80E	2.83	11.0 E	7.47	3.21	21
22	2.60B	1.88B	1.82B	4.87	4.82	7.60E	7.37	6.80E	2.88	8.77E	6.88	14.4	22
23	2.65B	1.86B	1.87B	4.88	5.07	8.50E	6.67	6.80E	3.05	8.67E	8.78	18.1	23
24	2.58	1.87B	2.01E	5.70	4.88	8.80E	6.30	3.80E	3.88	8.38E	4.81	14.4	24
25	2.62	1.88B	2.02E	7.28	5.35	12.4 E	8.20	3.70E	3.10	8.91E	4.08	20.8	25
26	8.12	1.88B	2.01E	7.84	5.87	8.70E	8.72	3.70E	3.08	8.33E	3.84	18.8	26
27	8.01	1.83B	2.00E	7.88	6.88	7.80E	7.47	3.72E	3.01	4.88E	3.43	16.3	27
28	4.38	1.81B	2.00E	8.70	8.09	8.80E	7.24	3.88E	2.98	3.70E	5.80	8.78	28
29	10.4		2.00E	10.4	8.41	8.10E	6.80E	3.70E	3.89	4.13E	4.88	7.38	29
30	14.0		2.01E	12.2	11.8	8.30E	7.00E	3.80E	3.31	4.13E	4.07	6.84	30
31	8.48		2.01E		12.8		7.20E	3.80E		4.00E		8.02	31
TOTAL	113.34	80.23	58.73	147.38	284.83	311.10	221.16	149.22	101.20	210.84	470.17	208.08	TOTAL
MEAN	3.82	2.15	1.83	4.81	8.84	10.4	7.13	4.81	3.37	8.80	15.7	6.85	MEAN
MAX	14.0	4.81	2.02	12.2	18.3	14.6	8.40	7.80	4.83	28.8	78.0	30.5	MAX
MIN	2.05	1.81	1.68	1.84	4.43	8.80	8.80	3.88	2.88	2.81	3.43	2.81	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.80
MAXIMUM DAILY, 78.0E ON NOV 9
MINIMUM DAILY, 1.68B ON MAR 14

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 21 53 N
LONG 126 46 05 W
DRAINAGE AREA, 82.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	9 710	JUL	19 100
FEB	5 200	AUG	12 000
MAR	4 800	SEP	8 740
APR	12 700	OCT	18 200
MAY	22 800	NOV	40 800
JUN	29 800	DEC	23 300

TOTAL DISCHARGE, 208 000 dam³

CLEARWATER LAKE NEAR CLEARWATER STATION - STATION NO. 08LA012

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.410	1.388	1.388	1.382	1.818	2.088	2.083	1.881	1.802	1.805	1.888	1.821	1
2	1.407	1.380	1.348	1.383	1.883	2.188	2.088	1.841	1.784	1.803	1.886	1.818	2
3	1.418	1.380	1.344	1.388	1.800	2.248	2.081	2.008	1.787	1.885	1.801	1.817	3
4	1.417	1.382	1.342	1.386	1.831	2.283	2.084	2.014	1.783	1.886	1.804	1.826	4
5	1.408	1.380	1.348	1.389	1.881	2.381	2.085	2.003	1.747	1.883	1.882	1.821	5
6	1.406	1.384	1.350	1.378	2.013	2.406	2.080	1.882	1.738	1.878	1.889	1.814	6
7	1.387	1.378	1.348	1.377	2.081	2.424	2.040	1.885	1.731	1.872	1.881	1.817	7
8	1.382	1.376	1.385	1.377	2.136	2.410	2.028	1.883	1.717	1.888	1.876	1.824	8
9	1.384	1.371	1.388	1.377	2.186	2.442	2.012	1.882	1.708	1.885	1.898	1.818	9
10	1.383	1.370	1.384	1.378	2.272	2.484	1.988	1.880	1.883	1.882	1.828	1.805	10
11	1.380	1.372	1.384	1.378	2.324	2.448	2.002	1.874	1.888	1.885	1.858	1.488	11
12	1.383	1.370	1.387	1.380	2.307	2.448	2.008	1.868	1.878	1.872	1.863	1.487	12
13	1.388	1.370	1.388	1.384	2.248	2.488	2.020	1.857	1.873	1.878	1.881	1.482	13
14	1.385	1.371	1.384	1.388	2.188	2.880	2.041	1.885	1.872	1.877	1.884	1.487	14
15	1.383	1.372	1.388	1.403	2.141	2.847	2.073	1.884	1.888	1.889	1.844	1.483	15
16	1.388	1.370	1.381	1.418	2.121	2.840	2.088	1.881	1.884	1.880	1.838	1.478	16
17	1.384	1.388	1.381	1.437	2.128	2.881	2.108	1.881	1.882	1.849	1.829	1.488	17
18	1.387	1.384	1.348	1.447	2.133	2.482	2.088	1.839	1.880	1.844	1.821	1.481	18
19	1.388	1.380	1.348	1.483	2.083	2.384	2.084	1.824	1.840	1.837	1.823	1.482	19
20	1.382	1.384	1.345	1.488	2.088	2.277	2.073	1.829	1.830	1.833	1.818	1.481	20
21	1.378	1.382	1.348	1.522	2.018	2.207	2.081	1.840	1.821	1.834	1.808	1.488	21
22	1.378	1.388	1.348	1.559	1.974	2.180	2.050	1.878	1.813	1.838	1.884	1.487	22
23	1.372	1.377	1.347	1.580	1.942	2.138	2.028	2.008	1.807	1.884	1.887	1.482	23
24	1.370	1.378	1.348	1.613	1.923	2.138	1.980	2.005	1.802	1.870	1.884	1.448	24
25	1.388	1.374	1.348	1.630	1.914	2.148	1.888	1.984	1.888	1.880	1.878	1.448	25
26	1.385	1.372	1.348	1.648	1.915	2.186	1.838	1.883	1.887	1.808	1.888	1.445	26
27	1.385	1.388	1.351	1.688	1.918	2.188	1.838	1.888	1.888	1.818	1.858	1.442	27
28	1.388	1.385	1.353	1.880	1.921	2.174	1.838	1.883	1.808	1.813	1.848	1.442	28
29	1.384		1.357	1.724	1.928	2.138	1.842	1.888	1.807	1.808	1.843	1.442	29
30	1.410		1.358	1.788	1.880	2.102	1.847	1.838	1.806	1.802	1.831	1.442	30
31	1.388		1.382		2.008		1.848	1.818		1.883		1.437	31
MEAN	1.380	1.373	1.361	1.477	2.042	2.324	2.028	1.888	1.870	1.878	1.802	1.480	MEAN
MAX	1.418	1.382	1.382	1.788	2.324	2.847	2.108	2.014	1.802	1.818	1.883	1.828	MAX
MIN	1.388	1.382	1.342	1.382	1.818	2.088	1.828	1.818	1.887	1.833	1.831	1.437	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 1.681
MAXIMUM DAILY, 2.847 ON JUN 15
MINIMUM DAILY, 1.342 ON MAR 4
MAXIMUM INSTANTANEOUS,
2.869 AT 22:00 PST ON JUN 15

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 08 35 N
LONG 120 11 30 W

NATURAL FLOW

CLEARWATER RIVER AT OUTLET OF CLEARWATER LAKE - STATION NO. 08LA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	28.3	23.8	18.7	30.0	132	384	268	180	128	84.4	80.1	44.8	1
2	28.8	23.7	18.4	30.2	181	333	284	208	120	83.7	88.8	44.3	2
3	27.3	23.7	17.8	30.8	188	382	286	218	114	81.8	83.4	44.0	3
4	27.2	24.0	17.8	30.8	181	382	267	222	108	88.7	84.2	48.8	4
5	26.1	23.7	18.0	30.8	188	431	261	216	107	88.8	81.1	44.8	5
6	25.7	23.8	18.8	31.8	231	488	248	210	104	87.8	80.3	43.8	6
7	24.8	23.3	18.4	32.0	258	481	236	207	103	88.3	88.4	44.2	7
8	24.0	23.1	18.1	32.0	284	472	228	208	97.8	84.8	87.1	48.8	8
9	24.3	21.3	18.3	32.1	330	488	221	208	94.1	82.3	81.8	43.8	9
10	24.0	21.2	18.0	31.8	378	504	212	204	88.8	83.9	78.8	41.8	10
11	23.7	21.4	18.0	31.8	413	484	218	201	87.4	84.7	78.3	40.2	11
12	24.1	21.1	18.8	32.4	402	488	218	184	84.8	88.3	81.0	40.0	12
13	23.4	21.1	18.1	32.8	384	518	228	184	84.0	87.2	80.3	38.1	13
14	23.1	21.3	18.1	33.8	333	585	237	182	83.8	87.4	78.2	38.2	14
15	24.0	21.4	18.2	38.4	288	883	286	182	82.8	88.7	76.3	37.4	15
16	26.8	21.0	18.8	37.8	283	847	288	188	81.1	83.8	73.8	36.8	16
17	24.3	20.8	18.8	38.8	288	888	273	180	80.8	80.8	71.2	34.8	17
18	23.4	20.4	18.2	31.4	284	810	287	188	77.0	88.7	71.8	33.8	18
19	23.2	18.8	18.1	34.1	288	840	281	182	74.2	48.2	88.4	33.4	19
20	22.8	18.1	18.0	37.8	248	882	288	180	71.4	47.4	88.0	33.7	20
21	22.2	18.8	18.0	48.0	223	337	248	188	88.8	47.7	84.8	32.8	21
22	21.8	20.8	18.1	53.2	201	307	242	204	88.7	48.7	81.8	33.1	22
23	21.3	22.0	18.2	60.8	188	284	238	218	88.0	81.8	88.8	33.1	23
24	21.1	21.8	18.1	88.7	177	282	208	217	83.8	88.8	88.1	31.2	24
25	20.8	21.8	18.0	71.3	173	288	184	208	82.8	80.7	87.8	31.8	25
26	20.4	21.3	18.1	78.4	173	306	188	191	82.2	84.7	88.4	31.0	26
27	20.8	20.8	18.8	81.8	174	323	180	178	82.8	87.8	82.4	30.8	27
28	20.8	20.4	18.8	88.1	178	318	183	184	84.8	88.8	80.8	30.8	28
29	24.3		18.4	88.8	180	282	188	182	84.8	88.8	88.8	30.8	29
30	28.3		18.1	113	180	271	188	141	84.8	83.7	48.8	30.8	30
31	24.8		20.0		217		188	132		81.3		28.8	31
TOTAL	738.8	603.4	577.7	1 248.0	7 840	12 844	7 177	5 978	2 818.2	1 788.8	1 822.8	1 184.5	TOTAL
MEAN	23.7	21.8	18.8	41.8	263	418	232	193	83.8	87.1	84.1	37.2	MEAN
MAX	37.3	24.0	20.0	113	413	883	273	222	128	87.8	81.0	48.8	MAX
MIN	20.4	18.8	17.8	30.0	132	284	180	132	82.3	47.4	48.8	28.8	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 120
MAXIMUM DAILY, 883 ON JUN 15
MINIMUM DAILY, 17.8 ON MAR 4
MAXIMUM INSTANTANEOUS,
871 AT 22:00 PST ON JUN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 08 30 N
LONG 120 11 30 W
DRAINAGE AREA, 2 950 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	83 800	JUL	830 000
FEB	82 100	AUG	618 000
MAR	48 800	SEP	217 000
APR	108 000	OCT	183 000
MAY	881 000	NOV	188 000
JUN	1 080 000	DEC	89 700

TOTAL DISCHARGE, 3 780 000 dam³

CLEARWATER RIVER NEAR CLEARWATER STATION - STATION NO. 08LA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	51.0B	45.0B	37.0B	38.0	287	526	447	285	223	97.3	95.8	89.7	1
2	50.5B	42.0B	35.0B	37.8	286	581	443	278	212	96.4	95.2	88.2	2
3	50.0B	42.5B	33.0B	38.4	315	636	440	300	198	93.8	102	86.9	3
4	51.0B	42.7B	32.5B	37.9	338	671	445	300	190	90.8	116	100	4
5	49.0B	42.8B	33.0B	36.9	370	717	437	282	184	88.7	112	98.4	5
6	48.0B	42.0B	33.5B	40.0	422	780	416	264	178	87.9	108	96.7	6
7	46.5B	41.0B	34.5B	40.5	478	788	400	277	171	85.3	110	97.3	7
8	46.0B	40.0B	35.5B	40.8	533	762	385	273	165	82.5	108	98.5	8
9	45.5B	40.5B	36.0B	40.6	570	770	373	270	157	79.6	120	97.5	9
10	45.8B	41.0B	36.5B	41.1	641	778	362	267	150	82.3	141	93.8	10
11	44.5B	40.8B	37.0B	41.8	718	760	383	261	145	86.3	150	88.8	11
12	43.5B	40.5B	37.0B	43.0	804	755	369	255	140	87.3	150	86.1	12
13	43.0B	40.2B	36.8B	45.8	844	764	357	251	137	88.5	148	87.8	13
14	42.5B	40.5B	37.0B	50.0	800	829	363	251	134	86.8	145	86.4	14
15	42.2	40.5B	37.2B	53.8	886	902	380	264	132	87.3	138	84.8	15
16	44.3	40.2B	36.5B	58.0	856	898	383	268	130	84.2	137	83.2	16
17	46.0B	39.5B	36.3B	63.0	870	863	368	266	131	80.4	133	80.8	17
18	46.5B	37.5B	36.8	66.8	871	781	368	252	128	76.8	135	78.2	18
19	45.5	36.0B	34.5	70.8	880	881	376	250	122	76.8	132	73.0B	19
20	45.3	36.0B	34.0	61.8	820	812	384	248	118	78.8	130	71.0B	20
21	44.8	35.4B	33.8	98.1	486	559	388	272	114	78.4	128	73.4	21
22	43.8	37.0B	34.4	111	464	529	365	304	110	78.0	122	74.1	22
23	41.5B	38.5B	34.9	120	430	505	331	317	107	78.6	120	74.8	23
24	40.5B	40.0B	34.8	128	413	483	312	313	104	84.8	120	74.0	24
25	39.5B	39.7B	34.9	137	403	457	393	301	102	84.4	118	72.5	25
26	39.0B	39.5B	35.7	147	404	493	377	287	101	88.3	114	71.3	26
27	39.8B	39.1B	37.3	157	403	515	368	271	99.5	105	110	70.6	27
28	40.5B	38.5B	38.1	171	404	507	367	265	99.1	104	108	70.7	28
29	42.0		37.2	193	408	479	368	260	98.8	101	105	70.4	29
30	46.5		37.6	221	422	480	367	257	98.2	101	102	98.6	30
31	50.8		37.7		454		387	227		98.3		89.2	31
TOTAL	1 386.6	1 116.6	1 104.8	2 453.9	14 882	19 803	11 138	8 387	4 177.7	2 734.6	3 851.8	2 892.1	TOTAL
MEAN	45.0	40.0	35.6	81.8	480	880	359	270	139	88.2	122	83.8	MEAN
MAX	51.0	45.0	38.1	221	718	902	447	317	233	105	150	100	MAX
MIN	39.0	36.0	32.5	37.8	287	480	287	227	98.2	78.4	88.2	89.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 201
MAXIMUM DAILY, 902 ON JUN 16
MINIMUM DAILY, 32.5B ON MAR 4
MAXIMUM INSTANTANEOUS,
818 AT 22:18 PST ON JUN 16

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 39 20 N
LONG 120 03 55 W
DRAINAGE AREA, 10 200 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	121 000	JUL	882 000
FEB	98 800	AUG	723 000
MAR	95 400	SEP	361 000
APR	212 000	OCT	236 000
MAY	1 280 000	NOV	318 000
JUN	1 710 000	DEC	224 000

TOTAL DISCHARGE, 6 380 000 dam³

COAL RIVER AT THE MOUTH - STATION NO. 10BC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	27.1B	33.1B*	23.4B	26.2B	101E	265E	103	84.5	85.3	89.8	31.8B	30.7B	1
2	27.4B	33.0B	24.2B	24.8B	170E	278E	104	86.6	84.8	86.6	31.0B	30.2B	2
3	27.7B	33.1B	24.0B	25.0B	118E	285E	113	88.2	84.4	85.5	31.3B	29.7B	3
4	27.8B	33.3B	23.7B	25.2B	139E	247E	128	82.1	84.3	85.6	33.0B	29.3B	4
5	27.1B	33.7B	24.2B	26.4B	142E	275E	132	78.4	83.6	80.2	32.0B	29.0B	5
6	26.3B	24.0B	24.7B	26.6B	160E	310E	118	78.0	84.2	84.0	31.3B	28.7B	6
7	25.6B	24.1B	24.8B	26.0B	180E	338E	111	76.6	84.4	80.4	30.8B	28.3B	7
8	25.0B	23.8B	25.0B	26.3B	180E	305E	111	87.3	83.6	88.2	30.5B	27.9B	8
9	24.6B	24.0B	24.8B	26.8B	185E	300E	110	84.6	82.0	81.3	30.4B	27.3B	9
10	25.1B	24.6B	24.6B	27.0B	230E	285E	109	82.7	80.6	83.3	29.6B	28.6B	10
11	25.6B	24.7B	24.5B	27.8B	284E	280E	111	88.6	81.0	83.1	28.9B	28.5B	11
12	26.5B	24.6B	24.7B	28.5B	210E	247E	121	81.1	80.8	80.3	28.7B	28.7B	12
13	26.3B	24.0B	25.2B	29.0B	180E	249E	115	77.3	48.6	87.6	28.0B	28.0B	13
14	26.0B	23.7B	25.5B	30.0B	150E	258E	108	73.1	48.0	85.1	29.3B	28.8B	14
15	24.8B	23.5B	25.3B	31.0B	139E	295E	102	70.6	48.2	47.6	29.5B	28.5B	15
16	24.9B	23.7B	25.0B	32.6B	142E	348E	95.8	72.1	48.8	37.7	29.7B	28.0B	16
17	25.0B	24.0B	24.8B	33.5B	170E	280E	90.7	66.4	49.1	26.6	31.0B	27.3B	17
18	25.3B	24.2B	25.2B	35.0B	204A	230E	86.6	66.0	48.3	26.1	33.7B	27.0B	18
19	25.4B	24.6B	25.7B	36.2B	170E	180E	81.1	75.3	48.6	28.0B	32.6B	26.6B	19
20	25.1B	24.7B	25.6B	37.6B	150E	147E	84.1	73.4	80.4	28.4B	31.3B	26.7B	20
21	25.0B	25.0B	25.8B	38.5B	130E	144E	88.0	71.4	80.8	30.0B	30.8B	26.8B	21
22	24.7B	25.2B	26.0B	40.7B	123E	143E	103	70.7	81.1	32.0B	30.3B	26.3B	22
23	24.8B	25.3B	25.7B	43.7B	125E	137A	120	70.5	82.1	35.0B	29.8B	26.9B	23
24	25.0B	24.7B	25.2B	46.8B	135E	133	155	70.8	85.6	36.7B	28.8B	26.8B	24
25	25.5B	24.0B	24.7B	50.0B	140E	127	151	70.4	82.8	36.8B	28.0B	27.3B	25
26	25.3B	24.8B	24.0B	54.5B	150E	125	130	88.7	84.8	35.7B	27.8B	26.2B	26
27	25.7B	24.8B	24.1B	60.0B	158E	125	116	83.5	84.4	34.2B	27.8B	27.9B	27
28	24.2B	24.0B	24.2B	65.5B	180E	121	109	81.3	83.9	33.3B	28.0B	27.4B	28
29	22.5B		24.3B	60.0B	175E	117	97.2	80.7	84.7	32.7B	30.0B	27.0B	29
30	22.2B		24.6B	90.0E	200E	109	91.3	89.4	83.1	32.6B	31.6B	26.4B	30
31	22.5B		25.3B		230E		88.5	87.8		32.2B		26.7B	31
TOTAL	785.7	675.8	769.7	1 161.4	5 037	5 833	3 419.8	2 363.0	1 827.1	1 401.1	908.1	857.3	TOTAL
MEAN	25.3	24.1	24.8	38.4	162	221	110	76.9	84.2	45.2	30.3	27.7	MEAN
MAX	27.7	25.3	25.8	90.0	284	348	155	84.5	84.7	84.0	33.7	30.7	MAX
MIN	22.2	23.0	23.4	24.8	101	109	88.5	87.8	48.2	26.0	27.6	26.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 70.2
MAXIMUM DAILY, 348E ON JUN 16
MINIMUM DAILY, 22.2B ON JAN 30

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 29 N
LONG 125 57 02 W
DRAINAGE AREA, 3 190 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	67 900	JUL	295 000
FEB	56 400	AUG	203 000
MAR	66 500	SEP	141 000
APR	99 500	OCT	121 000
MAY	435 000	NOV	78 500
JUN	573 000	DEC	74 100

TOTAL DISCHARGE, 2 210 000 dam³

COFFEE CREEK NEAR AINSWORTH - STATION NO. 08NH101

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.618	0.500B	0.371	0.811	8.33	11.8	6.82	3.18	2.45	0.878	1.19	1.26	1
2	0.595	0.480B	0.389	0.842	8.30	13.7	6.19	2.85	3.27	0.920	1.14	1.24	2
3	0.567	0.446B	0.358	0.802	8.05	14.1	5.50	2.31	2.67	0.890	1.14	1.23	3
4	1.02	0.400B	0.348	0.805	8.10	13.0	5.51	2.01	2.30	0.882	1.17	1.38	4
5	0.803	0.436B	0.357	0.870	9.29	14.8	5.78	2.08	3.83	0.848	1.10	1.30	5
6	0.742	0.430B	0.363	0.788	11.7	17.4	5.75	2.21	2.53	0.838	1.13	1.22	6
7	0.715	0.410B	0.384	0.856	14.6	15.1	5.84	2.43	2.31	0.810	1.13	1.18	7
8	0.737	0.408B	0.354	0.818	13.0	14.3	5.50	2.39	2.85	0.798	1.14	1.18	8
9	0.726	0.400B	0.384	0.862	12.7	16.0	5.17	5.11	2.32	0.795	3.86	1.16	9
10	0.704	0.403B	0.572	0.886	14.5	12.8	5.71	4.32	2.01	0.867	12.4	1.09	10
11	0.685	0.418B	0.558	0.859	14.0	12.0	5.92	2.91	1.85	0.837	8.31	1.06	11
12	0.832	0.427B	0.588	1.08	9.87	13.2	5.63	2.65	1.71	1.40	5.87	1.08	12
13	0.628	0.430B	0.584	1.28	7.78	13.2	5.78	3.52	1.88	1.38	4.30	1.07	13
14	0.633	0.428B	0.558	1.75	8.82	18.1	6.45	2.78	1.88	1.31	3.46	1.04	14
15	0.628	0.420B	0.810	2.77	8.78	20.0	6.98	3.34	1.58	1.08	2.90	0.998	15
16	0.688	0.418B	0.605	3.88	7.23	17.3	7.18	2.35	1.48	0.978	2.71	0.978	16
17	0.881	0.418B	0.482	2.87	7.31	11.4	6.74	3.26	1.31	0.940	2.48	0.887	17
18	0.883	0.417B	0.488	3.08	7.20	8.74	4.88	1.80	1.27	0.941	2.29	0.819	18
19	0.867	0.415B	0.448	4.18	8.02	8.80	5.18	2.14	1.21	0.859	2.14	0.810	19
20	0.828	0.414B	0.488	5.14	8.38	7.83	6.00	2.38	1.18	1.08	2.28	0.802	20
21	0.817	0.410B	0.478	5.84	8.08	8.44	5.83	4.87	1.12	1.85	2.40	0.880	21
22	0.890	0.412B	0.473	5.83	8.14	7.45	4.30	5.86	1.11	1.74	1.88	0.888	22
23	0.838	0.410B	0.488	5.82	8.88	7.81	3.78	4.17	1.11	1.78	1.82	0.864	23
24	0.843	0.410B	0.481	5.19	8.58	8.32	3.86	2.88	1.12	2.78	1.68	0.849	24
25	0.871	0.411	0.811	4.74	8.03	8.86	3.34	3.80	1.18	1.98	1.74	0.848	25
26	0.845	0.387	0.838	4.32	8.11	11.0	3.37	4.07	1.12	1.88	1.80	0.828	26
27	0.838	0.388	0.590	3.96	8.08	8.84	3.84	3.45	1.14	1.63	1.82	0.811	27
28	0.826	0.377	0.887	4.01	8.14	8.84	3.88	3.27	1.08	1.48	1.44	0.812	28
29	0.818		0.851	4.42	4.85	7.18	3.30	2.88	1.04	1.34	1.38	0.798	29
30	0.818B		0.845	5.21	8.74	7.37	3.21	2.32	1.04	1.32	1.32	0.781	30
31	0.810B		0.804		8.08		3.84	2.22		1.22		0.778	31
TOTAL	20.054	11.711	15.082	84.458	245.83	385.29	161.42	84.18	52.13	38.118	78.98	31.308	TOTAL
MEAN	0.647	0.418	0.487	2.82	7.92	11.8	5.21	3.04	1.74	1.23	2.83	1.01	MEAN
MAX	1.02	0.500	0.887	5.84	14.6	20.0	7.18	5.86	3.83	2.78	12.4	1.38	MAX
MIN	0.510	0.377	0.348	0.802	4.85	8.44	3.21	1.80	1.04	0.795	1.10	0.779	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.28
MAXIMUM DAILY, 20.0 ON JUN 15
MINIMUM DAILY, 0.348 ON MAR 4
MAXIMUM INSTANTANEOUS,
21.9 AT 19:22 PST ON JUN 15

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 49 N
LONG 116 55 04 W

DRAINAGE AREA, 87.3 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 730	JUL	13 900
FEB	1 010	AUG	8 140
MAR	1 300	SEP	4 500
APR	7 300	OCT	3 280
MAY	21 200	NOV	6 820
JUN	30 700	DEC	2 710

TOTAL DISCHARGE, 103 000 dam³

COLDSPRING CREEK NEAR 950 m CONTOUR - STATION NO. 08MC044

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.007B	0.004B	0.008B	0.021	0.013E	0.008E	0.003	0.002	0.007	0.001	0.011	0.013	1
2	0.007B	0.004B	0.008B	0.020	0.012E	0.004A	0.003	0.006	0.006	0.001	0.012	0.014	2
3	0.008B	0.004B	0.008B	0.019	0.012E	0.001	0.003	0.010	0.005	0.001	0.084	0.016	3
4	0.008B	0.004B	0.009B	0.020	0.012E	0.001	0.003	0.011	0.005	0.001	0.087	0.035	4
5	0.008A	0.008B	0.008B	0.022	0.010E	0.002	0.003	0.010	0.004	0.002	0.052	0.022	5
6	0.008B	0.008B	0.010B	0.026	0.009E	0.002	0.002	0.009	0.004	0.002	0.041	0.020	6
7	0.008B	0.008B	0.010B	0.034	0.008E	0.002	0.002	0.007	0.003	0.002	0.037	0.0208	7
8	0.008B	0.008B	0.010B	0.033	0.008E	0.002	0.002	0.007	0.003	0.002	0.032	0.0188	8
9	0.008B	0.008B	0.010B	0.031	0.007E	0.002	0.002	0.004	0.003	0.002	0.053	0.0188	9
10	0.008B	0.007B	0.010B	0.036	0.009E	0.001	0.001	0.003	0.003	0.004	0.042	0.0178	10
11	0.008B	0.007B	0.011B	0.048	0.010E	0.001	0.002	0.003	0.003	0.008	0.033	0.0188	11
12	0.008B	0.007B	0.011B	0.058	0.009E	0.001	0.002	0.003	0.002	0.007	0.032	0.0188	12
13	0.008B	0.008B	0.011B	0.055	0.009E	0.001	0.002	0.003	0.003	0.008	0.049	0.0188	13
14	0.008B	0.008B	0.011B	0.043	0.008E	0.001	0.002	0.004	0.001	0.008	0.081	0.0188	14
15	0.008B	0.008B	0.011B	0.024	0.007E	0.003	0.005	0.007	0.001	0.008	0.024	0.0188	15
16	0.008B	0.008B	0.011B	0.026	0.007A	0.003	0.004	0.015	0.001	0.008	0.018	0.0158	16
17	0.008B	0.008B	0.012B	0.023	0.008E	0.003	0.003	0.013	0.001	0.008	0.016	0.0148	17
18	0.008A	0.008B	0.012B	0.018	0.008E	0.003	0.003	0.011	0.001	0.007	0.018	0.0138	18
19	0.008B	0.008B	0.012B	0.025	0.008E	0.003	0.003	0.010	0.001	0.007	0.026	0.0138	19
20	0.008B	0.008B	0.012B	0.028	0.008E	0.003	0.003	0.009	0.001	0.007	0.0248	0.0128	20
21	0.007B	0.008B	0.012B	0.027	0.007E	0.003	0.003	0.011	0.002	0.006	0.0288	0.0128	21
22	0.007B	0.008B	0.012A	0.022	0.007E	0.003	0.003	0.022	0.001	0.007	0.0248	0.0138	22
23	0.007B	0.010B	0.013	0.023A	0.008E	0.002	0.002	0.022	0.001	0.006	0.024	0.0148	23
24	0.007B	0.010B	0.013	0.019E	0.008E	0.002	0.002	0.018	0.001	0.006	0.021	0.0188	24
25	0.007B	0.010B	0.014	0.018E	0.007E	0.002	0.002	0.012	0.001	0.011	0.019	0.0188	25
26	0.007B	0.008B	0.017	0.012E	0.008E	0.002	0.003	0.010	0.001	0.015	0.017	0.0188	26
27	0.007B	0.008B	0.023	0.013E	0.008E	0.003	0.003	0.008	0.001	0.014	0.016	0.0183	27
28	0.007B	0.008B	0.028	0.012E	0.007E	0.003	0.002	0.008	0.003	0.014	0.016	0.0188	28
29	0.007B		0.024	0.012E	0.007E	0.003	0.002	0.008	0.001	0.013	0.015	0.0188	29
30	0.008B		0.022	0.012E	0.008E	0.003	0.002	0.008	0.001	0.013	0.014	0.0188	30
31	0.008B		0.022		0.008E		0.002	0.008		0.012		0.0188	31
TOTAL	0.238	0.204	0.402	0.778	0.259	0.070	0.078	0.278	0.070	0.304	0.828	0.804	TOTAL
MEAN	0.008	0.007	0.013	0.026	0.008	0.002	0.003	0.009	0.002	0.007	0.031	0.016	MEAN
MAX	0.008	0.010	0.028	0.058	0.013	0.006	0.006	0.022	0.007	0.016	0.087	0.035	MAX
MIN	0.008	0.004	0.008	0.012	0.008	0.001	0.001	0.002	0.001	0.001	0.011	0.012	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.011
MAXIMUM DAILY, 0.087 ON NOV 4
MINIMUM DAILY, 0.001 ON JUN 3

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 01 35 N
LONG 121 41 10 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	20.8	JUL	6.83
FEB	17.6	AUG	23.8
MAR	34.8	SEP	6.05
APR	67.0	OCT	17.6
MAY	22.4	NOV	60.3
JUN	6.05	DEC	43.6

TOTAL DISCHARGE, 347 dam³

COLDSTREAM CREEK ABOVE MUNICIPAL INTAKE - STATION NO. 08NM142

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.063E	0.070E	0.052E	0.103	1.57	0.612	0.333	0.105	0.103E	0.068E	0.081E	0.078E	1
2	0.064E	0.061	0.053	0.101E	1.75	0.602E	0.314E	0.205	0.114E	0.068E	0.060	0.077	2
3	0.064	0.058E	0.061E	0.100E	1.66	0.592	0.294E	0.184E	0.127E	0.067	0.120E	0.078E	3
4	0.065E	0.056	0.049	0.098	1.54	0.548E	0.274	0.164E	0.140E	0.065E	0.179	0.081E	4
5	0.065	0.057E	0.050E	0.115E	1.48 E	0.503E	0.262E	0.143	0.155	0.063E	0.130E	0.082	5
6	0.066E	0.057E	0.050E	0.129	1.36	0.456	0.249	0.130E	0.143E	0.061E	0.091	0.081E	6
7	0.068E	0.056	0.050	0.149E	1.29 E	0.432E	0.237E	0.118E	0.131	0.058	0.081E	0.081	7
8	0.070E	0.057E	0.051E	0.159	1.18 E	0.403	0.225	0.105	0.124E	0.058E	0.081E	0.081E	8
9	0.072	0.055	0.052	0.191E	1.09	0.390E	0.225E	0.100E	0.118	0.054E	0.082	0.082	9
10	0.067E	0.053E	0.054E	0.213E	1.10 E	0.378	0.225E	0.095	0.113E	0.052	0.108E	0.082E	10
11	0.062	0.052E	0.055	0.237	1.11	0.368E	0.225	0.092E	0.108E	0.055E	0.119	0.082E	11
12	0.060	0.051E	0.053E	0.340E	0.957E	0.339E	0.217E	0.089	0.105	0.058	0.111E	0.083	12
13	0.059E	0.050E	0.070E	0.474	0.804	0.321	0.208	0.123E	0.102E	0.058E	0.102E	0.078E	13
14	0.059	0.050E	0.078	0.624	0.780E	0.424	0.203E	0.167E	0.099	0.056	0.093	0.071	14
15	0.062E	0.050E	0.071E	1.74	0.775E	0.573	0.298	0.191	0.098E	0.058E	0.089	0.071E	15
16	0.065E	0.050E	0.065	1.04	0.780E	0.475E	0.282E	0.175E	0.091	0.058E	0.088	0.072	16
17	0.067	0.050E	0.064E	0.982	0.745E	0.376	0.226E	0.159	0.090E	0.059	0.088E	0.070E	17
18	0.064E	0.049E	0.062	1.06	0.730E	0.363E	0.180	0.148E	0.089E	0.060E	0.088	0.068E	18
19	0.061	0.049E	0.064E	1.36	0.715E	0.350E	0.194E	0.137	0.088	0.060E	0.084E	0.065	19
20	0.061E	0.049E	0.065	1.57	0.701	0.337	0.187	0.135E	0.085E	0.061	0.100E	0.063E	20
21	0.061	0.049E	0.069	1.90	0.690E	0.331E	0.182E	0.133E	0.082	0.060E	0.105	0.065	21
22	0.061E	0.049E	0.070E	1.86	0.680E	0.325	0.187	0.131	0.081E	0.060E	0.095E	0.063E	22
23	0.062E	0.050E	0.072	1.55 E	0.670	0.306E	0.181E	0.118E	0.081	0.059	0.092	0.065	23
24	0.062	0.050E	0.077E	1.45	0.690E	0.286	0.174E	0.105	0.080E	0.061E	0.090E	0.067E	24
25	0.062E	0.050E	0.081	1.39	0.809	0.280E	0.167E	0.103E	0.078E	0.062	0.088	0.067E	25
26	0.061	0.051E	0.085E	1.37	0.820E	0.273E	0.160	0.102	0.077	0.077E	0.085E	0.067	26
27	0.060E	0.052E	0.095E	1.31	0.832	0.266	0.151E	0.102E	0.076E	0.083	0.082E	0.067E	27
28	0.059	0.054	0.089	1.28	0.763E	0.263E	0.142E	0.101	0.073	0.080E	0.080	0.067	28
29	0.064E		0.100E	1.63	0.674	0.259	0.133	0.097E	0.072E	0.070E	0.080E	0.067E	29
30	0.070E		0.101	1.55 E	0.681	0.298E	0.123E	0.092	0.071	0.065E	0.079	0.067	30
31	0.078		0.102E		0.837		0.114E	0.097E		0.062		0.067E	31
TOTAL	1.984	1.487	2.125	25.810	30.033	11.726	8.632	3.938	2.891	1.948	2.873	2.284	TOTAL
MEAN	0.064	0.053	0.069	0.860	0.969	0.391	0.214	0.127	0.100	0.063	0.096	0.073	MEAN
MAX	0.078	0.070	0.102	1.90	1.75	0.612	0.333	0.205	0.155	0.093	0.179	0.083	MAX
MIN	0.059	0.049	0.049	0.098	0.537	0.259	0.114	0.089	0.071	0.052	0.080	0.058	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.367
MAXIMUM DAILY, 1.90 ON APR 21
MINIMUM DAILY, 0.0488 ON FEB 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 15 28 N
LONG 119 04 55 W
DRAINAGE AREA, 58.5 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	171	JUL	573
FEB	128	AUG	340
MAR	184	SEP	250
APR	2 230	OCT	168
MAY	2 590	NOV	248
JUN	1 010	DEC	195

TOTAL DISCHARGE, 8 100 dam³

COLDWATER RIVER AT MERRITT - STATION NO. 08LG010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.808	1.808	2.408	2.24	38.1	81.2	7.89	1.17	1.48	0.822	2.14	3.78	1
2	2.008	1.808	1.858	2.31	38.4	85.2	6.88	1.32	1.48	0.801	1.88	3.30	2
3	2.108	1.808	1.788	2.14	40.1	84.2	6.38	1.72	1.61	0.843	1.88	4.85	3
4	2.088	1.408	1.808	2.06	41.8	47.0	5.38	2.27	1.73	0.894	2.10	11.8	4
5	1.868	1.438	1.808	2.12	46.4	45.4	5.88	1.83	1.84	0.880	5.88	30.8	5
6	1.808	1.838	1.888	2.73	54.8	50.8	5.33	1.34	1.51	0.885	4.48	21.0	6
7	1.888	1.888	1.708	4.83	50.3	38.6	4.88	1.22	1.42	0.880	4.84	14.5	7
8	1.838	1.828	1.748	5.08	54.8	39.0	4.70	1.11	1.28	0.873	4.07	11.7	8
9	1.828	2.008	1.808	5.21	53.0	33.7	4.44	1.08	1.14	0.858	4.23	10.5	9
10	1.848	2.148	2.188	4.71	52.4	29.2	4.23	0.888	1.12	0.848	48.8	9.33	10
11	1.808	2.288	2.408	4.68	38.1	25.8	4.38	0.880	1.08	0.770	42.0	8.88	11
12	2.308	2.388	3.008	5.41	28.4	29.5	3.81	0.778	1.00	1.73	17.8	7.28	12
13	2.808	2.408	2.888	5.73	24.8	28.8	3.78	0.823	0.968	5.72	11.5	6.88	13
14	2.808	2.488	2.788	5.44	22.1	23.2	3.88	0.788	0.918	4.48	9.08	6.14	14
15	2.488	2.438	2.878	12.8	20.8	22.8	5.02	0.878	0.888	3.84	7.47	5.74	15
16	2.378	2.428	2.578	20.1	28.3	17.4	4.35	1.82	0.788	2.78	6.28	5.11	16
17	2.288	2.308	2.508	17.2	28.4	13.2	3.78	4.84	0.770	2.33	5.87	4.81	17
18	2.228	2.238	2.408	16.0	22.8	11.8	3.55	4.37	0.703	2.08	5.48	4.51	18
19	2.188	2.208	2.288	17.8	18.1	11.1	3.22	3.88	0.743	2.04	5.04	4.108	19
20	2.138	2.268	2.288	22.1	16.8	11.0	2.91	2.75	0.703	3.37	13.1	3.888	20
21	2.088	2.408	2.508	25.8	13.8	9.18	2.88	3.20	0.703	2.83	27.8	3.888	21
22	2.058	2.808	2.308	23.3	13.8	8.78	2.43	2.42	0.880	2.54	14.4	3.408	22
23	1.828	3.508	2.208	20.8	14.2	8.14	2.21	3.53	0.843	3.28	10.2	3.208	23
24	2.058	3.308	2.208	18.1	14.8	11.4	1.98	2.78	0.838	3.81	7.88	3.008	24
25	2.108	3.008	2.238	18.3	13.8	8.88	1.77	2.48	0.818	5.83	7.12	2.858	25
26	2.208	2.708	2.308	18.0	13.1	11.3	1.45	2.18	0.888	4.38	6.14	2.858	26
27	2.228	2.808	2.388	18.0	13.8	8.88	1.43	2.23	0.858	3.80 E	5.87	2.808	27
28	2.238	2.888	2.608	18.8	47.2	7.35	1.32	1.84	0.838	3.43	4.87	2.858	28
29	2.328		2.528	24.1	38.4	8.88	1.32	2.12	0.828	2.80	4.58	2.888	29
30	2.488		2.41	28.2	37.8	8.04	1.23	1.77	0.801	2.84	4.33	2.808	30
31	2.308		2.38		46.8		1.13	1.71		2.41		2.888	31
TOTAL	65.48	63.81	70.21	381.19	889.8	726.88	114.38	62.635	28.417	74.823	295.19	207.12	TOTAL
MEAN	2.11	2.28	2.28	12.7	31.8	24.2	3.88	2.01	0.881	2.41	8.84	6.88	MEAN
MAX	2.80	3.50	3.00	28.2	80.3	85.2	7.89	4.84	1.73	5.83	48.8	30.8	MAX
MIN	1.82	1.40	1.80	2.06	13.1	8.88	1.13	0.788	0.801	0.848	1.88	2.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.44
MAXIMUM DAILY, 80.3 ON MAY 7
MINIMUM DAILY, 0.848 ON OCT 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 05 35 N
LONG 120 48 10 W
DRAINAGE AREA, 814 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 680	JUL	8 830
FEB	5 510	AUG	5 390
MAR	8 070	SEP	2 540
APR	32 800	OCT	8 480
MAY	85 800	NOV	25 800
JUN	83 800	DEC	17 800

TOTAL DISCHARGE, 295 000 dam³

COLDWATER RIVER NEAR BROOKMERE - STATION NO. 08LG048

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.46B	1.70 B	1.80B	1.64	26.9	44.1	7.48	1.67	1.38	0.882	1.93	4.32	1
2	1.60B	1.30 B	1.55B	1.62	31.0	46.4	6.86	2.05	1.57	0.886	1.88	4.26	2
3	1.74B	1.00 B	1.25B	1.58	32.3	41.7	6.96	2.64	1.74	0.875	1.87	6.96	3
4	1.70B	0.900B	1.10B	1.57	33.2	36.5	6.56	1.99	1.63	0.858	5.64	38.6	4
5	1.60B	0.900B	1.10B	1.60	37.0	41.0	5.79	1.61	1.66	0.842	5.10	27.0	5
6	1.50B	0.930B	1.15B	2.82	45.6	38.7	5.44	1.43	1.51	0.836	4.48	16.9	6
7	1.40B	0.950B	1.25B	4.73	46.7	32.2	5.27	1.35	1.33	0.826	4.57	12.7	7
8	1.32B	0.960B	1.35B	4.59	45.9	30.3	4.92	1.29	1.23	0.817	4.10	11.6	8
9	1.25B	1.05 B	1.50B	3.84	43.6	26.8	4.37	1.23	1.16	0.803	16.5	9.89	9
10	1.25B	1.20 B	1.70B	3.74	40.5	21.6	4.55	1.18	1.08	0.955	53.9	8.43	10
11	1.50B	1.32 B	1.80B	4.11	27.7	21.5	4.38	1.13	1.02	1.88	25.6	6.10B	11
12	1.70B	1.50 B	2.10B	5.22	20.6	23.1	4.19	1.07	0.976	5.75	13.4	5.94B	12
13	2.30B	1.60 B	2.00B	6.72	18.0	22.0	4.38	1.10	0.931	5.46	9.72	5.84B	13
14	2.20B	1.70 B	1.86B	9.18	17.6	20.2	5.08	1.06	0.877	4.10	7.80	5.30B	14
15	2.10B	1.86 B	1.78B	14.9	18.2	17.6	4.57	1.55	0.830	3.04	6.65	4.90B	15
16	2.00B	1.83 B	1.74B	16.0	21.4	13.7	3.75	4.25	0.787	2.41	6.27	4.60B	16
17	1.96B	1.86 B	1.71B	13.9	20.4	11.4	3.64	4.44	0.784	2.05	5.81	4.10B	17
18	1.86B	1.53 B	1.86B	13.6	17.6	10.9	3.32	3.53	0.801	2.37	5.60	3.75B	18
19	1.60B	1.60 B	1.85B	15.9	15.1	10.9	2.97	2.64	0.776	4.07	6.11	3.45B	19
20	1.75B	1.80 B	1.88	17.5	13.4	9.81	2.76	2.99	0.752	3.07	16.1	3.15B	20
21	1.70B	1.72 B	1.79	18.6	12.6	8.41	2.53	3.28	0.734	3.30	19.6	2.85B	21
22	1.65B	2.00 B	1.87	16.4	12.6	8.91	2.32	3.79	0.710	3.38	11.6	2.85B	22
23	1.60B	2.60 B	1.81	14.9	12.6	9.90	2.15	2.97	0.697	3.23	9.33	2.40B	23
24	1.60B	2.40 B	1.89	14.1	12.5	10.3	2.03	2.50	0.676	5.92	8.01	2.20B	24
25	1.63B	2.20 B	1.83	14.4	11.6	10.7	1.97	2.17	0.660	4.91	7.15	1.95B	25
26	1.66B	1.90 B	1.80	14.6	11.6	10.2	1.92	2.28	0.702	3.95	6.50	1.75B	26
27	1.76B	2.00 B	1.72	14.9	16.2	8.36	1.91	2.00	0.714	3.58	5.98	1.80B	27
28	1.80B	2.10 B	1.72	15.7	36.5	7.17	1.88	1.89	0.694	3.06	5.63	1.80B	28
29	2.10B		1.88	19.1	28.0	7.15	1.88	1.89	0.686	2.85	5.01	1.84B	29
30	2.20B		1.87	24.2	30.4	8.28	1.53	1.54	0.661	2.46	4.68	1.70B	30
31	2.00B		1.87		37.3		1.48	1.43		2.21		1.76B	31
TOTAL	53.86	43.470	50.31	311.06	799.1	613.59	118.66	65.63	29.556	79.623	292.20	212.86	TOTAL
MEAN	1.74	1.55	1.62	10.4	25.8	20.5	3.83	2.12	0.985	2.57	9.74	6.87	MEAN
MAX	2.30	2.60	2.10	24.2	46.7	46.4	7.48	4.44	1.74	5.92	53.9	38.6	MAX
MIN	1.25	0.900	1.10	1.57	11.6	7.15	1.48	1.06	0.660	0.803	1.93	1.60	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.32
MAXIMUM DAILY, 53.9 ON NOV 10
MINIMUM DAILY, 0.803 ON OCT 9
MAXIMUM INSTANTANEOUS,
61.8 AT 15:40 PST ON NOV 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 51 20 N
LONG 120 54 27 W
DRAINAGE AREA, 316 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 650	JUL	10 300
FEB	3 760	AUG	5 670
MAR	4 350	SEP	2 550
APR	26 900	OCT	6 880
MAY	69 000	NOV	25 200
JUN	53 000	DEC	18 400

TOTAL DISCHARGE, 231 000 dam³

COLQUITZ RIVER AT VIOLET AVENUE - STATION NO. 08HA047

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.05	1.11	1.20	0.904	0.289	0.162	0.119	0.088	0.066	0.029	0.078	0.280	1
2	2.35	0.944	1.21	0.968	0.266	0.153	0.099	0.075	0.061	0.030	0.081	0.779	2
3	2.28	0.831	1.08	1.01	0.279	0.140	0.085	0.080	0.055	0.030	0.158	1.28	3
4	2.60	0.837	0.995	1.70	0.251	0.137	0.080	0.074	0.052	0.031	0.220	3.24	4
5	2.15	0.888	1.32	3.23	0.216	0.134	0.091	0.073	0.051	0.038	0.108	2.96	5
6	1.71	0.838	1.40	2.89	0.235	0.128	0.076	0.075	0.049	0.037	0.321	2.34	6
7	1.39	0.588	1.31	2.32	0.201	0.127	0.087	0.065	0.046	0.051	0.144	1.98	7
8	1.32	0.568	1.15	1.77	0.179	0.120	0.088	0.061	0.049	0.048	0.346	2.00	8
9	1.60	0.427	1.23	1.37	0.172	0.118	0.084	0.059	0.051	0.046	0.818	1.70	9
10	1.85	0.362	1.14	1.13	0.160	0.112	0.080	0.059	0.051	0.046	1.22	1.32	10
11	1.63	0.363	1.03	0.957	0.142	0.109	0.088	0.058	0.053	0.252	0.557	1.05	11
12	1.53	0.350	1.11	0.788	0.138	0.111	0.080	0.055	0.055	0.182	0.428	0.861	12
13	2.16	0.333	1.05	0.685	0.139	0.117	0.087	0.055	0.056	0.157	0.485	0.718	13
14	2.16	0.343	0.946	0.699	0.150	0.134	0.083	0.058	0.056	0.089	0.344	0.628	14
15	2.20	0.343	0.885	0.718	0.147	0.114	0.084	0.056	0.055	0.074	0.288	0.562	15
16	2.88	0.385	1.34	0.620	0.217	0.106	0.088	0.056	0.055	0.087	0.389	0.512	16
17	3.17	0.382	1.20	0.573	0.201	0.106	0.072	0.055	0.055	0.082	0.322	0.478	17
18	4.44	0.724	1.69	0.562	0.190	0.109	0.086	0.058	0.052	0.101	0.289	0.444	18
19	4.12	1.08	1.35	0.568	0.187	0.122	0.088	0.057	0.048	0.078	0.315	0.470	19
20	3.25	1.43	1.18	0.568	0.146	0.106	0.076	0.058	0.077	0.118	0.379	0.458	20
21	2.57	1.61	1.14	0.514	0.141	0.084	0.088	0.058	0.049	0.141	0.348	0.441	21
22	2.05	2.16	0.880	0.502	0.133	0.082	0.085	0.061	0.044	0.098	0.279	0.404	22
23	1.62	2.16	0.822	0.484	0.188	0.087	0.081	0.061	0.042	0.137	0.398	0.408	23
24	1.24	1.88	0.839	0.468	0.150	0.088	0.082	0.060	0.037	0.146	0.457	0.399	24
25	1.21	1.51	1.10	0.439	0.133	0.084	0.082	0.062	0.038	0.097	0.414	0.378	25
26	1.10	1.28	0.895	0.420	0.183	0.077	0.070	0.077	0.044	0.215	0.547	0.356	26
27	0.998	1.23	1.06	0.376	0.223	0.079	0.085	0.078	0.036	0.113	0.382	0.423	27
28	0.927	1.27	1.06	0.358	0.320	0.138	0.079	0.078	0.032	0.088	0.348	0.387	28
29	0.926		1.03	0.343	0.203	0.082	0.084	0.075	0.028	0.088	0.335	0.353	29
30	1.42		0.915	0.323	0.176	0.106	0.080	0.074	0.028	0.088	0.312	0.341	30
31	1.43		0.873		0.184		0.082	0.069		0.085		0.448	31
TOTAL	63.461	25.626	34.780	28.276	5.976	3.402	2.466	2.023	1.471	2.883	11.061	28.370	TOTAL
MEAN	2.05	0.915	1.12	0.943	0.193	0.113	0.080	0.065	0.049	0.093	0.369	0.915	MEAN
MAX	4.44	2.16	1.69	3.23	0.320	0.162	0.119	0.088	0.077	0.252	1.22	3.24	MAX
MIN	0.926	0.333	0.873	0.323	0.133	0.077	0.070	0.055	0.028	0.029	0.078	0.280	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.575
MAXIMUM DAILY, 4.44 ON JAN 18
MINIMUM DAILY, 0.028 ON SEP 29
MAXIMUM INSTANTANEOUS,
4.77 AT 21:07 PST ON JAN 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 28 03 N
LONG 123 23 56 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 480	JUL	213
FEB	2 210	AUG	175
MAR	3 000	SEP	127
APR	2 440	OCT	249
MAY	516	NOV	956
JUN	294	DEC	2 450

TOTAL DISCHARGE, 18 100 dam³

COLUMBIA RIVER AT BIRCHBANK - STATION NO 08NE049

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2 520	2 000	1 830	775	1 270	2 140	1 870	951	1 050	1 840	1 800	2 280	1
2	2 780	2 400	1 920	780	1 310	2 170	2 050	944	1 180	1 830	1 840	2 180	2
3	2 850	2 740	2 040	884	1 350	2 230	2 300	1 030	1 350	1 830	1 820	2 030	3
4	2 870	2 780	1 840	1 080	1 400	1 840	2 290	1 140	1 380	1 880	1 770	2 180	4
5	2 840	2 270	1 480	1 100	1 430	1 820	2 120	1 310	1 380	1 880	1 930	2 180	5
6	2 850	2 280	1 100	1 100	1 480	2 010	1 840	1 680	1 400	1 840	1 830	1 880	6
7	2 860	2 270	812	1 100	1 830	2 180	1 730	1 840	1 460	1 820	1 340	1 800	7
8	2 840	2 230	817	1 180	1 880	2 270	1 800	2 010	1 460	1 820	1 280	1 300	8
9	2 800	2 230	804	1 190	1 840	2 280	1 850	2 120	1 520	1 870	1 380	1 370	9
10	2 720	1 880	891	1 300	1 770	2 180	1 830	2 180	1 880	1 800	1 820	1 800	10
11	2 860	1 740	782	1 300	1 870	2 130	1 810	2 230	1 880	1 380	2 200	1 340	11
12	3 110	2 080	832	1 340	1 850	2 130	1 480	2 110	1 820	1 440	2 230	1 830	12
13	3 080	2 040	834	1 280	1 810	2 120	1 810	1 870	1 420	1 820	2 170	1 870	13
14	2 930	1 810	828	1 220	1 780	2 150	1 880	1 880	1 420	1 800	1 820	2 370	14
15	2 820	1 800	827	1 130	1 770	2 280	1 890	1 840	1 440	1 890	1 280	2 840	15
16	2 880	1 800	828	1 070	1 780	2 430	1 810	1 880	1 270	1 870	937	2 810	16
17	2 820	1 810	840	1 170	1 880	2 830	1 870	1 810	1 080	1 710	933	2 380	17
18	2 820	2 080	827	1 210	1 880	2 810	1 480	1 820	1 080	1 710	1 010	2 280	18
19	2 880	2 250	889	1 230	1 880	2 810	1 810	1 880	1 080	1 880	1 120	2 210	19
20	2 880	2 280	881	1 270	1 780	2 410	1 840	1 780	1 190	1 480	1 120	2 040	20
21	2 710	2 280	892	1 380	2 110	2 330	1 480	1 730	1 300	1 480	1 380	2 040	21
22	2 830	2 340	827	1 420	2 240	2 220	1 310	1 780	1 280	1 430	1 770	2 000	22
23	2 830	2 230	838	1 480	2 180	2 170	1 180	1 810	1 400	1 430	1 880	1 830	23
24	2 870	2 340	880	1 480	2 180	2 080	1 200	1 840	1 810	1 840	1 830	1 880	24
25	2 830	2 110	828	1 820	2 180	1 770	1 230	1 880	1 810	1 490	1 820	1 820	25
26	2 890	1 850	824	1 840	2 110	1 880	1 320	1 880	1 830	1 870	1 720	1 920	26
27	2 880	1 770	800	1 840	2 110	1 880	1 330	1 770	1 830	1 780	1 710	1 810	27
28	2 440	1 780	741	1 850	2 080	1 870	1 370	1 700	1 820	1 880	1 880	1 880	28
29	2 120		781	1 380	2 070	1 820	1 440	1 820	1 820	1 870	1 770	2 300	29
30	1 780		784	1 240	2 070	1 480	1 480	1 830	1 720	1 740	1 880	2 440	30
31	1 770		777		2 100		1 220	1 320		1 710		2 880	31
TOTAL	81 830	59 810	27 300	37 238	55 780	62 700	48 480	53 808	41 730	48 780	48 030	62 700	TOTAL
MEAN	2 840	2 130	881	1 240	1 800	2 090	1 880	1 730	1 380	1 810	1 800	2 020	MEAN
MAX	3 110	2 780	2 040	1 880	2 240	2 810	2 300	2 230	1 720	1 870	2 230	2 840	MAX
MIN	1 770	1 740	824	775	1 270	1 480	1 180	848	1 080	1 380	933	1 380	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 720
MAXIMUM DAILY, 3 110 ON JAN 13
MINIMUM DAILY, 824 ON MAR 26
MAXIMUM INSTANTANEOUS,
3 140 AT 03:86 PST ON JAN 12

SUMMARY FOR THE YEAR 1988

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 10 40 N
LONG 117 42 88 W
DRAINAGE AREA, 88 100 km²

REGULATED SINCE 1931

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	7 070 000	JUL	4 190 000
FEB	5 150 000	AUG	4 620 000
MAR	2 380 000	SEP	3 610 000
APR	3 220 000	OCT	4 300 000
MAY	4 820 000	NOV	4 180 000
JUN	5 430 000	DEC	5 430 000

TOTAL DISCHARGE, 54 300 000 dam³

COLUMBIA RIVER AT DONALD - STATION NO. 08NB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	26.28	30.08	23.28	48.8	111	228	438	377	237	118	84.8	85.1	1
2	26.48	21.28	20.08	46.2	127	281	418	384	231	107	81.4	88.0	2
3	28.58	18.38	18.88	48.4	138	325	403	380	238	88.3	81.0	88.0	3
4	31.88	17.78	18.28	44.3	143	385	388	388	227	82.0	84.3	80.8	4
5	34.18	18.88	20.88	44.3	148	398	398	389	224	89.1	88.0	82.7	5
6	34.38	20.88	22.88	45.8	188	457	394	347	213	87.5	84.2	88.5	6
7	33.88	22.38	24.08	48.0	207	484	384	341	208	84.8	83.8	84.3	7
8	38.88	23.88	26.38	48.8	238	473	408	338	188	82.7	83.2	88.2	8
9	37.18	24.38	28.88	43.8	274	481	388	334	168	80.3	86.1	88.0	9
10	38.88	23.88	30.08	42.3	288	808	385	338	180	83.8	83.8	84.0	10
11	35.88	24.08	32.28	41.7	301	837	398	321	170	84.3	107	48.3	11
12	35.88	23.88	33.08	42.4	288	848	388	314	182	87.8	118	48.0	12
13	28.48	23.88	33.08	43.7	278	874	408	318	187	87.8	110	48.7	13
14	30.38	23.88	33.08	46.8	284	816	417	317	188	91.7	87.2	83.08	14
15	31.08	23.48	32.48	80.7	287	873	433	308	187	87.4	84.8	84.28	15
16	31.88	23.88	32.08	88.2	280	878	480	300	188	82.1	78.0	88.38	16
17	32.08	23.38	31.28	87.3	244	887	441	308	147	78.8	87.1	87.38	17
18	33.18	23.38	31.38	84.8	240	830	431	292	138	73.7	88.7	88.08	18
19	32.08	23.08	31.88	80.7	230	818	428	287	130	72.0	78.2	88.08	19
20	31.88	23.78	32.08	81.3	217	895	438	284	123	72.4	83.8	80.38	20
21	30.88	23.88	32.08	88.3	206	884	470	281	118	73.7	83.8	82.08	21
22	28.38	23.88	32.08	73.8	184	820	484	287	118	78.3	72.7	88.88	22
23	28.08	24.18	33.08	83.4	188	800	424	298	118	77.3	88.0	88.08	23
24	24.28	24.48	33.48	88.0	198	483	414	283	118	77.8	82.8	83.38	24
25	32.38	24.48	33.28	88.7	181	475	408	278	121	78.0	88.0	88.88	25
26	23.88	23.88	35.08	88.7	188	484	388	286	122	77.3	82.8	88.38	26
27	26.08	23.48	36.18	83.8	181	488	384	282	122	78.4	84.1	88.88	27
28	26.08	23.88	47.0	82.8	178	444	403	282	122	73.8	84.8	88.38	28
29	30.38		48.1	88.8	172	418	384	281	122	71.3	88.4	88.38	29
30	38.08		80.8	84.3	177	418	382	282	122	88.0	80.3	84.38	30
31	37.88		49.8		183		380	280		88.2		82.28	31
TOTAL	913.8	648.0	884.4	1 805.4	5 483	14 888	12 805	8 878	4 838	2 882.4	2 188.7	1 733.4	TOTAL
MEAN	29.5	23.1	31.8	80.2	209	485	413	309	161	83.3	72.8	88.8	MEAN
MAX	37.8	30.0	80.8	84.3	301	878	470	384	237	118	118	88.5	MAX
MIN	22.3	17.7	18.8	41.7	111	228	380	280	118	88.3	80.3	48.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 183
MAXIMUM DAILY, 878 ON JUN 18
MINIMUM DAILY, 17.78 ON FEB 4
MAXIMUM INSTANTANEOUS,
883 AT 21:18 MST ON JUN 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 81 38 00 N
LONG 117 18 48 W
DRAINAGE AREA, 8 718 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	78 800	JUL	1 110 000
FEB	80 000	AUG	827 000
MAR	85 100	SEP	418 000
APR	188 000	OCT	223 000
MAY	580 000	NOV	188 000
JUN	1 280 000	DEC	180 000

TOTAL DISCHARGE, 5 130 000 dam³

COLUMBIA RIVER AT INTERNATIONAL BOUNDARY - STATION NO. 08NE083

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2 870	2 320	2 380	1 380	3 680	3 230	2 220	1 380	1 680	2 200	2 370	3 000	1
2	3 200	2 660	2 370	1 430	3 870	3 230	2 580	1 330	1 740	2 170	2 640	2 920	2
3	3 110	3 080	2 480	1 490	3 780	3 340	2 970	1 370	1 880	2 400	2 640	2 770	3
4	3 110	3 230	2 270	1 660	3 820	2 970	3 030	1 640	2 080	2 400	2 480	2 830	4
5	3 170	2 820	1 880	1 730	3 920	2 880	3 030	1 700	1 830	2 390	2 780	2 780	5
6	3 140	2 800	1 850	1 870	2 820	3 080	2 880	2 020	1 810	2 470	2 570	2 840	6
7	3 030	2 740	1 220	1 890	3 080	3 200	2 440	2 440	2 180	2 420	1 780	2 340	7
8	2 740	2 570	1 280	1 820	3 260	3 820	2 330	2 480	2 130	2 320	1 830	2 280	8
9	3 000	2 640	1 400	1 880	3 170	3 680	2 270	2 810	2 190	2 270	2 080	2 380	9
10	3 080	2 280	1 810	1 980	3 480	3 710	2 280	2 840	2 400	2 390	2 930	2 240	10
11	3 080	1 850	1 280	2 010	3 820	3 820	2 220	2 880	2 320	2 180	3 230	2 280	11
12	3 280	2 430	1 180	2 030	3 710	3 820	1 880	3 810	2 310	2 120	3 080	2 380	12
13	3 370	2 380	1 180	2 130	3 850	3 850	1 800	2 430	2 180	2 230	3 080	2 740	13
14	3 340	2 230	1 200	2 040	3 820	3 790	2 080	2 330	2 080	2 270	2 870	3 260	14
15	3 140	2 280	1 230	1 980	3 820	3 880	2 320	2 280	2 080	2 470	2 340	3 870	15
16	3 200	2 270	1 210	1 980	3 820	4 110	2 320	2 380	1 820	2 400	2 000	3 370	16
17	3 170	2 180	1 240	2 080	3 820	4 130	2 080	2 480	1 880	2 440	1 810	3 170	17
18	3 370	2 340	1 280	2 180	3 400	4 280	2 180	2 800	1 820	3 410	1 830	3 000	18
19	3 230	2 820	1 140	2 200	3 230	4 180	2 320	2 380	1 880	3 230	1 810	2 870	19
20	3 280	2 810	1 170	2 240	3 310	4 020	2 230	2 280	1 710	1 890	2 180	2 840	20
21	3 170	2 840	1 180	2 480	3 870	3 850	2 180	2 190	1 950	2 000	2 020	2 880	21
22	3 840	2 820	1 180	2 700	3 820	3 810	1 820	2 220	1 840	2 040	2 480	2 710	22
23	3 840	2 830	1 240	2 820	3 480	3 200	1 870	2 280	2 100	2 080	2 810	2 880	23
24	2 820	2 730	1 190	2 870	3 370	3 170	1 740	2 320	2 350	2 280	2 440	2 880	24
25	2 780	2 840	1 010	2 840	3 340	2 880	1 720	2 420	2 210	2 300	2 480	2 830	25
26	2 820	2 310	918	2 870	3 340	2 880	1 800	2 810	2 300	2 350	2 850	2 480	26
27	2 830	2 130	1 080	2 870	3 200	2 480	1 880	2 800	2 220	2 470	2 490	2 900	27
28	2 770	2 310	1 300	2 870	3 110	2 480	2 080	2 470	2 070	2 570	2 380	2 480	28
29	2 410		1 380	3 780	3 170	2 230	2 020	2 260	2 060	2 800	2 580	2 880	29
30	2 180		1 380	3 820	3 200	2 280	1 880	2 220	2 260	2 480	2 840	3 140	30
31	2 120		1 400		3 230		1 810	1 830		2 780		3 310	31
TOTAL	93 980	85 710	43 895	85 830	101 670	100 800	88 100	88 100	80 680	72 040	73 020	85 810	TOTAL
MEAN	3 000	2 480	1 410	2 180	3 280	3 380	2 200	2 230	2 020	2 320	2 400	2 760	MEAN
MAX	3 370	3 230	2 480	2 870	3 920	4 280	3 030	2 880	2 400	2 780	3 230	3 870	MAX
MIN	2 120	1 880	918	1 380	3 870	2 230	1 870	1 330	1 830	1 880	1 790	2 240	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3 470
MAXIMUM DAILY, 4 280 ON JUN 18
MINIMUM DAILY, 918 ON MAR 26
MAXIMUM INSTANTANEOUS,
4 280 ON JUN 18

SUMMARY FOR THE YEAR 1989

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 03 N
LONG 117 37 40 W
DRAINAGE AREA, 155 000 km²

REGULATED SINCE 1931

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	9 030 000	JUL	9 880 000
FEB	8 020 000	AUG	9 970 000
MAR	3 770 000	SEP	8 230 000
APR	8 880 000	OCT	8 230 000
MAY	8 880 000	NOV	8 220 000
JUN	8 720 000	DEC	7 390 000

TOTAL DISCHARGE, 77 900 000 dam³

COLUMBIA RIVER AT NICHOLSON - STATION NO. 08NA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	28.1B	29.0B	31.8B	36.8A	81.8A	108A	253A	215A	128 A	85.7A	40.8A	38.0	1
2	28.4B	30.6B	30.8B	36.4A	84.8A	124A	262A	213A	123 A	82.8A	38.8A	37.6	2
3	29.1B	18.1B	18.4B	33.8A	84.7A	137A	248A	218A	123 A	89.1A	38.8A	40.5	3
4	31.8B	17.0B	19.0B	33.1A	71.0A	163A	248A	214A	121 A	85.7A	38.3A	41.0	4
5	33.0B	18.8B	21.0B	33.0A	74.8A	187A	244A	209A	118 A	83.8A	40.7A	42.8	5
6	33.6B	20.0B	22.8B	32.7A	84.5A	182A	241A	201A	118 A	81.8A	39.8A	45.1	6
7	31.6B	22.2B	23.7B	31.8A	98.1A	201A	238A	195A	114 A	81.2A	39.0A	43.4	7
8	29.3B	23.7B	24.8B	31.2A	114 A	226A	234A	192A	113 A	81.8A	39.0A	38.4	8
9	27.3B	23.7B	26.8B	29.9A	128 A	247A	229A	181A	108 A	82.0A	40.8A	36.8	9
10	26.1B	23.0B	29.7B	27.9A	140 A	251A	223A	178A	97.7A	82.2A	44.6A	37.9	10
11	26.2B	23.7B	32.6A	27.9A	148 A	258A	203A	175A	88.3A	83.8A	80.8A	38.7	11
12	25.8B	23.8B	28.0A	27.7A	155 A	267A	201A	174A	81.6A	88.7A	71.2A	31.4	12
13	26.6B	23.5B	26.4A	27.0A	155 A	303A	223A	174A	79.4A	88.9A	88.1A	27.0	13
14	28.8B	23.1B	26.9A	28.4A	155 A	321A	226A	173A	80.6A	84.8A	88.6A	27.2	14
15	30.6B	23.2B	28.7A	30.1A	150 A	341A	229A	173A	83.4A	83.4A	90.2A	31.3	15
16	31.8B	23.0B	25.1A	32.4A	142 A	361A	237A	173A	88.2A	82.1A	41.7A	35.8	16
17	31.6B	23.0B	33.8A	36.8A	134 A	411A	240A	173A	84.2A	47.8A	38.2A	37.8	17
18	32.8B	23.0B	32.2A	36.4A	132 A	421A	240A	184A	81.8A	48.3A	48.3A	38.1	18
19	32.1B	23.1B	30.8A	37.0A	129 A	423A	249A	187A	78.0A	48.0A	48.8A	37.1	19
20	30.0B	23.3B	31.8A	38.8A	127 A	409A	254A	148A	71.8A	48.7A	84.3A	32.8	20
21	30.2B	23.4B	31.6A	43.0A	122 A	388A	258A	148A	89.2A	48.8A	83.2A	34.2	21
22	28.5B	23.7B	31.8A	50.8A	116 A	360A	257A	148A	87.1A	46.8A	83.2A	37.4	22
23	25.1B	24.0B	31.3A	52.1A	114 A	337A	257A	147A	85.2A	47.8A	43.0E	38.8	23
24	23.8B	24.1B	30.8A	52.4A	111 A	317A	258A	149A	87.3A	46.0A	33.8A	34.8	24
25	22.8B	24.0B	31.4A	54.3A	110 A	283A	258A	148A	88.3A	47.8A	33.8	38.8	25
26	23.8B	23.8B	31.6A	53.0A	110 A	288A	257A	144A	88.8A	48.0A	40.8	38.4	26
27	25.8B	23.5B	32.8A	52.4A	103 A	273A	244A	138A	88.0A	46.8A	40.0	38.0	27
28	27.8B	23.4B	35.0A	51.2A	100 A	268A	245A	138A	88.7A	46.8A	33.2	38.8	28
29	30.0B		36.4A	50.1A	98.4A	261A	238A	139A	88.4A	44.2A	30.8	37.3	29
30	32.0B		36.2A	50.8A	102 A	258A	224A	135A	88.0A	42.8A	38.0	38.9	30
31	32.2B		37.3A		118 A		221A	132A		41.3A		36.5	31
TOTAL	894.0	940.2	938.8	1 158.8	3 518.0	8 353	7 430	5 288	2 858.8	1 873.6	1 338.8	1 138.7	TOTAL
MEAN	28.8	23.9	30.2	38.6	113	278	240	170	88.8	50.8	44.8	36.8	MEAN
MAX	33.6	29.0	36.4	54.3	155	423	258	215	128	85.7	71.2	45.1	MAX
MIN	22.8	17.8	18.8	27.0	81.8	108	201	132	86.2	41.3	30.8	27.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 88.8
MAXIMUM DAILY, 423A ON JUN 19
MINIMUM DAILY, 17.8B ON FEB 4

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 14 36 N
LONG 118 54 42 W
DRAINAGE AREA, 8 660 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	77 200	JUL	642 000
FEB	65 300	AUG	464 000
MAR	80 900	SEP	230 000
APR	100 000	OCT	138 000
MAY	304 000	NOV	115 000
JUN	722 000	DEC	98 100

TOTAL DISCHARGE, 3 010 000 dam³

COLUMBIA RIVER AT NICHOLSON - STATION NO. 08NA002

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.473A	0.373A	0.402A	0.451A	0.844A	1.262A	2.388A	2.113A	1.451A	0.813A	0.609A	0.442	1
2	0.478A	0.329A	0.378A	0.448A	0.678A	1.418A	2.357A	2.089A	1.411A	0.778A	0.483A	0.488	2
3	0.472A	0.321A	0.383A	0.412A	0.801A	1.634A	2.336A	2.134A	1.407A	0.733A	0.484A	0.505	3
4	0.485A	0.319A	0.361A	0.402A	0.874A	1.858A	2.316A	2.110A	1.395A	0.691A	0.490A	0.512	4
5	0.467A	0.317A	0.380A	0.400A	0.918A	1.768A	2.308A	2.071A	1.382A	0.688A	0.508A	0.531	5
6	0.476A	0.346A	0.382A	0.398A	1.022A	1.887A	2.287A	2.017A	1.340A	0.644A	0.488A	0.553	6
7	0.468A	0.342A	0.385A	0.382A	1.161A	2.022A	2.253A	1.980A	1.324A	0.636A	0.488A	0.542	7
8	0.484A	0.389A	0.388A	0.372A	1.320A	2.189A	2.237A	1.958A	1.308A	0.640A	0.498A	0.477	8
9	0.487A	0.388A	0.383A	0.351A	1.467A	2.328A	2.209A	1.874A	1.288A	0.648A	0.511A	0.481	9
10	0.488A	0.385A	0.391A	0.321A	1.580A	2.366A	2.186A	1.855A	1.167A	0.648A	0.598A	0.471	10
11	0.462A	0.386A	0.387A	0.320A	1.627A	2.484A	2.035A	1.834A	1.041A	0.670A	0.764A	0.438	11
12	0.480A	0.387A	0.429A	0.317A	1.680A	2.564A	2.023A	1.824A	0.891A	0.704A	0.877A	0.374	12
13	0.469A	0.378A	0.434A	0.306A	1.681A	2.581A	2.188A	1.822A	0.867A	0.708A	0.814A	0.307	13
14	0.461A	0.386A	0.437A	0.344A	1.678A	2.795A	2.199A	1.817A	0.860A	0.681A	0.728A	0.309	14
15	0.444A	0.386A	0.438A	0.355A	1.640A	2.911A	2.208A	1.817A	1.010A	0.684A	0.624A	0.373	15
16	0.438A	0.384A	0.430A	0.390A	1.572A	3.028A	2.262A	1.818A	1.041A	0.647A	0.531A	0.438	16
17	0.429A	0.384A	0.408A	0.421A	1.508A	3.279A	2.278A	1.815A	1.018A	0.593A	0.488A	0.488	17
18	0.418A	0.368A	0.382A	0.449A	1.468A	3.328A	2.316A	1.748A	0.890A	0.577A	0.852A	0.472	18
19	0.414A	0.362A	0.368A	0.467A	1.468A	3.340A	2.340A	1.694A	0.830A	0.573A	0.818A	0.458	19
20	0.411A	0.387A	0.378A	0.478A	1.445A	3.273A	2.372A	1.822A	0.884A	0.570A	0.678A	0.384	20
21	0.405A	0.373A	0.382A	0.538A	1.389A	3.184A	2.386A	1.800A	0.853A	0.571A	0.852A	0.417	21
22	0.389A	0.389A	0.362A	0.628A	1.343A	3.023A	2.386A	1.598A	0.828A	0.578A	0.848A	0.483	22
23	0.389A	0.384A	0.374A	0.648A	1.317A	2.888A	2.388A	1.818A	0.818A	0.583A	---	0.440	23
24	0.336A	0.402A	0.362A	0.651A	1.281A	2.771A	2.389A	1.831A	0.831A	0.588A	0.407A	0.428	24
25	0.318A	0.403A	0.376A	0.674A	1.278A	2.557A	2.402A	1.823A	0.843A	0.588A	0.412	0.446	25
26	0.315A	0.402A	0.382A	0.689A	1.261A	2.489A	2.388A	1.595A	0.847A	0.588A	0.507	0.477	26
27	0.336A	0.405A	0.394A	0.651A	1.208A	2.482A	2.389A	1.543A	0.851A	0.584A	0.498	0.488	27
28	0.368A	0.405A	0.428A	0.637A	1.182A	2.466A	2.313A	1.528A	0.859A	0.571A	0.401	0.481	28
29	0.371A		0.477A	0.623A	1.184A	2.417A	2.268A	1.524A	0.858A	0.551A	0.383	0.481	29
30	0.384A		0.478A	0.629A	1.198A	2.368A	2.178A	1.514A	0.840A	0.532A	0.443	0.441	30
31	0.381A		0.481A		1.382A		2.185A	1.492A		0.518A		0.421	31
MEAN	0.422	0.378	0.400	0.470	1.286	2.481	2.278	1.783	1.057	0.631	---	0.480	MEAN
MAX	0.488	0.405	0.477	0.674	1.681	3.340	2.402	2.134	1.451	0.813	---	0.553	MAX
MIN	0.315	0.317	0.360	0.306	0.844	1.242	2.023	1.492	0.818	0.518	---	0.307	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MAXIMUM DAILY, 3.340A ON JUN 19
MINIMUM DAILY, 0.306A ON APR 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 14 39 N
LONG 118 54 42 W

A - MANUAL GAUGE

NATURAL FLOW

DRAINAGE AREA,
9 880 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 781.474 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

COLUMBIA RIVER AT REVELSTOKE - STATION NO. 08ND002

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	10.330	12.035	---	---	---	---	1
2	---	---	---	---	8.500	---	10.309	12.147	---	---	---	---	2
3	---	---	---	---	8.628	---	10.889	12.305	---	---	---	---	3
4	---	---	---	---	8.739	---	10.885	12.402	---	---	---	---	4
5	---	---	---	---	8.883	---	10.484	12.483	---	---	---	---	5
6	---	---	---	---	8.388	---	10.433	12.498	---	---	---	---	6
7	---	---	---	---	8.417	10.480	10.828	12.526	---	---	---	---	7
8	---	---	---	---	8.720	10.280	10.407	12.552	---	---	---	---	8
9	---	---	---	---	10.494	10.348	10.306	12.585	---	---	---	---	9
10	---	---	---	---	10.410	10.118	10.548	12.589	---	---	---	---	10
11	---	---	---	---	10.500	10.188	10.478	12.570	---	---	---	---	11
12	---	---	---	---	10.233	9.864	10.823	12.480	---	---	---	---	12
13	---	---	---	---	8.198	10.097	10.732	12.466	---	---	---	---	13
14	---	---	---	---	8.171	10.305	10.839	12.584	---	---	---	---	14
15	---	---	---	---	8.198	10.427	10.833	12.645	---	---	---	---	15
16	---	---	---	---	---	10.343	10.821	12.887	---	---	---	---	16
17	---	---	---	---	---	9.848	11.050	12.649	---	---	---	---	17
18	---	---	---	---	---	8.300	11.061	12.684	---	---	---	---	18
19	---	---	---	---	---	8.770	11.198	12.648	---	---	---	---	19
20	---	---	---	---	---	8.893	11.250	12.832	---	---	---	---	20
21	---	---	---	---	---	9.805	11.188	12.788	---	---	---	---	21
22	---	---	---	---	---	9.922	11.133	12.820	---	---	---	---	22
23	---	---	---	---	---	10.107	11.107	12.832	---	---	---	---	23
24	---	---	---	---	---	10.277	11.267	12.800	---	---	---	---	24
25	---	---	---	---	---	10.311	11.427	12.785	---	---	---	---	25
26	---	---	---	---	---	10.357	11.532	12.740	---	---	---	---	26
27	---	---	---	---	---	10.268	11.542	12.712	---	---	---	---	27
28	---	---	---	---	---	10.412	11.700	12.706	---	---	---	---	28
29	---		---	---	---	10.480	11.670	12.722	---	---	---	---	29
30	---		---	---	---	10.480	11.666	---	---	---	---	---	30
31	---		---		---		11.532	---		---		---	31
MEAN	---	---	---	---	---	---	10.870	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	11.532	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	10.306	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 00 29 N
LONG 118 13 09 W

REGULATED SINCE 1973

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 420.717 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

COLUMBIA RIVER NEAR FAIRMONT HOT SPRINGS - STATION NO. 08NA045

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.18	3.22	2.74	3.36	6.98	12.1	28.7	13.1	9.47	5.83	4.28	3.86	1
2	3.16	3.17	2.78	3.26	6.51	13.2	26.3	13.7	9.53	5.89A	4.29	3.86	2
3	3.37	3.13	2.77	3.32	6.79	15.1	24.9	11.3	9.26	5.77E	4.86	3.86	3
4	3.33	3.13	2.81	3.26	8.00	17.0	24.2	10.8	9.37	5.85E	4.36	4.06	4
5	3.26	3.12	2.87	3.32	8.48	19.1	23.5	10.9	9.26	5.38E	4.39	4.22	5
6	3.41	3.09	2.86	3.33	8.96	21.8	23.0	10.5	9.35	5.22E	5.15	4.38	6
7	3.46	3.01	2.87	3.07	7.82	25.4	22.3	10.3	9.19	5.10E	4.48	4.39	7
8	3.40	2.93	2.87	3.19	8.48	27.5	21.1	10.0	9.24	4.98E	5.44	4.47	8
9	3.41	2.90	3.00	3.21	11.1	28.4	21.1	10.2	9.08	5.12E	4.83	4.82	9
10	3.45A	2.86	3.26	3.20	13.6	30.9	20.9	10.9	9.03	5.58E	5.37	4.72	10
11	3.46E	2.83	3.14	3.14	14.9	32.1	20.8	10.2	8.88	5.94E	4.88	4.29	11
12	3.45E	2.83	3.16	3.16	14.7	32.8	20.1	9.77	8.47	5.88E	4.58	4.10	12
13	3.44E	2.84	3.18	3.14	15.2	34.2	20.1	10.2	8.36	5.62E	4.88	3.81	13
14	3.47E	2.85	3.58	3.21	15.4	36.0	20.2	9.87	8.44	5.40E	4.68	4.00	14
15	3.62E	2.93	3.68	3.87	15.3	36.0	19.7	9.68	8.26	5.08E	2.22A	4.02	15
16	3.57E	2.86	3.56	3.56	15.5	37.4	20.4	8.30	7.73	4.80E	3.20	3.85	16
17	3.88A	2.84	3.88	3.32	15.3	37.8	20.8	8.32	7.28	4.85E	3.61	3.68	17
18	3.85	2.78	3.60	3.32	15.8	37.3	20.0	8.32	7.48	4.45E	4.04	3.78	18
19	3.84	2.79	3.58	3.36	14.7	36.8	19.8	8.28	7.23	4.44E	5.86	3.84	19
20	3.81	2.78	3.68	3.48	13.8	33.9	19.3	8.81	7.09	4.49E	5.22	3.86	20
21	3.85	2.81	3.88	3.85	13.6	32.7	18.8	9.27	8.86	4.60E	5.04	3.88	21
22	3.82	2.78	3.86	3.86	13.4	30.9	17.5	9.08	7.01	4.66E	4.77	3.37	22
23	3.42	2.82	3.80	4.18	14.8	30.1	17.3	8.31	6.88	4.69E	4.78	3.46	23
24	3.39	2.73	3.47	4.36	13.8	28.0	18.1	8.44	6.76	4.87E	4.82	3.82	24
25	3.36	2.73	3.48	4.31	12.8	26.7	16.7	8.42	6.81	4.89A	3.87	3.83	25
26	3.40	2.86	3.52	4.41	13.1	28.0	15.3	8.83	6.72	4.80	2.82	3.82	26
27	3.36	2.70	3.84	4.52	12.0	29.1	15.0	9.24	6.48	4.74	3.08	3.80	27
28	3.31	2.86	3.38	4.51	11.8	28.0	13.9	9.70	6.44	4.30	3.38	3.81	28
29	3.36		3.28	4.84	12.2	26.8	13.7	9.71	6.36	4.47	3.27	3.87	29
30	3.76		3.36	4.86	11.8	26.1	13.2	9.18	6.84	4.48	3.67	3.48	30
31	3.26		3.40		11.9		12.8	9.36		4.30		3.80	31
TOTAL	106.85	81.07	101.70	106.83	370.10	855.0	805.9	302.11	237.76	155.82	126.32	120.77	TOTAL
MEAN	3.44	2.90	3.28	3.82	11.9	28.5	19.9	9.75	7.83	5.02	4.31	3.90	MEAN
MAX	3.76	3.33	3.88	4.86	15.5	37.8	28.7	13.7	9.53	5.94	5.86	4.72	MAX
MIN	3.16	2.86	2.74	2.87	4.86	12.1	12.8	8.26	6.84	4.30	2.22	3.37	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.89
MAXIMUM DAILY, 37.8 ON JUN 17
MINIMUM DAILY, 2.22A ON NOV 15
MAXIMUM INSTANTANEOUS,
38.6 AT 23:50 MST ON JUN 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 10 25 N
LONG 115 51 45 W
DRAINAGE AREA, 891 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 210	JUL	82 300
FEB	7 000	AUG	28 100
MAR	8 780	SEP	20 600
APR	9 380	OCT	13 400
MAY	32 000	NOV	11 200
JUN	73 800	DEC	10 400

TOTAL DISCHARGE, 274 000 dam³

COQUIHALLA RIVER ABOVE ALEXANDER CREEK - STATION NO. 08MF088

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.9 E	32.0E	10.4 E	17.7	98.0	105	28.8	10.3	9.75	9.73	16.5	27.3	1
2	12.5 E	24.6E	10.3 E	17.5	88.9	119	26.0	16.1	16.3	8.32	14.1	28.8	2
3	20.0 E	23.3E	10.0 E	17.1	88.8	109	25.8	16.1	14.0	8.07	37.0	58.5	3
4	21.5 E	22.0E	9.80E	17.5	95.6	104	24.7	12.3	11.8	6.85	107	184	4
5	18.4 E	21.4E	10.5	28.1	107	108	22.7	11.1	12.9	6.82	80.5	128	5
6	16.6 E	20.0E	13.1	43.6	124	98.0	22.0	10.5	10.9	6.71	78.7	88.4	6
7	15.4 E	19.2E	11.1	58.7	138	83.4	21.7	10.2	10.1	6.61	74.5	70.4	7
8	14.7 E	18.3E	10.8	64.4	121	78.7	20.9	9.88	9.69	6.51	109	75.0	8
9	13.8 E	17.8E	11.3	58.4	112	71.4	19.3	9.55	9.15	6.35	---	85.6	9
10	13.4 E	19.8E	17.1	56.3	101	62.1	19.9	9.13	8.76	8.77	---	85.5	10
11	12.6 E	19.2E	15.8	62.0	72.6	58.1	20.5	8.74	8.33	27.3	150	47.8	11
12	12.3 E	16.5E	21.5	49.3	58.6	70.2	20.4	8.41	8.12	43.3	87.9	43.0	12
13	12.0 E	14.9E	20.8	59.6	53.3	67.1	19.3	8.48	7.66	28.2	66.5	38.0	13
14	11.5 E	14.4E	16.8	76.2	54.1	53.4	20.3	8.22	7.68	25.2	55.5	35.9	14
15	11.5 E	13.8E	17.1	91.3	58.5	59.7	20.5	8.84	7.29	20.8	47.0	33.4	15
16	11.6 E	13.5E	15.9	78.5	64.9	45.7	17.9	28.7	7.10	17.0	42.0	30.7	16
17	11.8 E	13.0E	14.5	87.0	82.2	38.1	17.5	17.2	7.87	15.2	38.1	28.1	17
18	11.4 E	12.7E	14.3	88.0	86.4	35.8	19.1	13.8	7.48	18.5	39.7	25.4	18
19	10.8 E	12.4E	13.8	72.4	82.4	40.3	15.3	11.5	6.85	20.7	62.0	24.5	19
20	10.5 E	12.2E	13.8	78.0	65.8	37.1	14.5	11.5	6.84	17.7	115	24.8	20
21	10.3 E	12.0E	15.5	79.8	63.6	32.6	14.0	26.0	8.50	15.9	113	22.9	21
22	9.80E	12.0E	15.5	65.4	61.5	33.1	13.1	23.3	8.40	15.1	73.7	22.5	22
23	9.68E	13.0E	15.8	58.3	63.2	36.1	12.5	17.3	8.37	16.2	60.3	22.3	23
24	9.42E	12.4E	15.5	58.2	68.1	39.7	12.3	14.5	8.27	35.7	52.7	21.5	24
25	9.30E	11.7E	15.0	61.5	64.8	41.9	11.9	13.1	8.04	29.0	48.9	21.1	25
26	9.28E	11.3E	15.4	62.4	64.8	39.2	11.7	12.2	8.36	23.8	41.8	21.1	26
27	9.30E	11.1E	21.0	66.0	66.0	32.6	11.7	11.8	8.11	25.7	37.4	20.7	27
28	9.30E	10.8E	24.2	71.6	64.6	27.3	11.2	11.2	8.78	23.4	34.8	19.4	28
29	12.0 E		21.0	81.4	72.8	26.8	10.7	10.4	8.43	21.4	31.8	18.8	29
30	48.6 E		19.1	84.8	75.7	29.2	10.4	9.81	8.38	20.6	29.2	18.3	30
31	83.0 E		18.5		86.7		10.3	9.57		19.8		18.1	31
TOTAL	475.87	448.8	485.80	1 698.6	2 269.1	1 801.7	543.1	389.48	248.25	540.94	---	1 338.8	TOTAL
MEAN	15.4	16.0	15.7	56.6	73.5	60.1	17.5	12.8	8.28	17.4	---	43.2	MEAN
MAX	83.0	32.0	24.2	84.8	138	119	28.8	28.7	16.3	43.3	---	184	MAX
MIN	9.30	10.8	9.80	17.1	41.5	26.8	10.3	9.22	6.28	4.35	---	18.1	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 4.35 ON OCT 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 10 N
LONG 121 23 20 W
DRAINAGE AREA, 730 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	41 100	JUL	46 800
FEB	36 800	AUG	34 500
MAR	41 900	SEP	21 400
APR	147 000	OCT	46 700
MAY	188 000	NOV	---
JUN	155 000	DEC	116 000

COQUIHALLA RIVER BELOW NEEDLE CREEK - STATION NO. 08MF082

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.15	2.45 B	0.794E	0.783	12.7	17.3	3.28	1.00	0.774	0.525	1.28	3.47	1
2	1.13	1.94 B	0.790E	0.780	13.2	18.3	3.11	1.80	0.805	0.500	1.20	3.43	2
3	1.02	1.70 B	0.780E	0.783	14.1	16.1	3.16	1.28	0.803	0.480	1.89	5.78	3
4	2.10	1.56 B	0.795E	0.783	15.1	15.5	2.84	1.01	0.790	0.468	3.33	21.1	4
5	1.74	1.52 B	0.812E	0.840	16.0	15.9	2.59	0.948	0.820	0.476	2.85	14.6	5
6	1.58	1.45 B	0.832E	1.15	15.0	15.1	2.55	0.829	0.787	0.472	3.22	10.4	6
7	1.45	1.40 B	0.816E	1.78	20.4	13.2	2.51	0.807	0.743	0.464	3.40	8.33	7
8	1.40	1.34 B	0.800E	1.69	18.5	13.1	2.29	0.887	0.721	0.462	5.31	7.79	8
9	1.35	1.30 B	0.792E	1.55	17.0	11.5	2.20	0.848	0.708	0.459	24.4	6.81	9
10	1.26	1.24 B	0.820E	2.33	15.0	10.1	2.37	0.814	0.885	0.787	---	6.38	10
11	1.19	1.16 B	0.820E	2.63	11.0	10.3	2.24	0.783	0.887	1.10	18.8	4.88	11
12	1.17	1.13 B	1.00 E	3.64	8.88	10.7	2.38	0.788	0.848	1.88	12.8	4.18	12
13	1.17	1.07 B	0.880E	4.82	7.90	9.87	2.48	0.787	0.837	1.33	9.89	3.78	13
14	1.08	1.05 B	0.888E	5.73	7.80	9.78	2.51	0.784	0.835	1.13	8.01	3.47	14
15	1.10	0.9858	0.818E	5.80	8.84	8.43	2.48	0.888	0.808	1.01	8.48	3.22	15
16	1.13	0.8828	0.882E	8.38	8.83	8.48	2.11	1.48	0.803	0.830	8.48	3.02	16
17	1.14	0.8388	0.882E	8.02	8.11	8.27	2.08	1.12	0.813	0.888	4.80	2.83	17
18	1.08	0.8008	0.842E	7.74	7.88	4.81	1.80	0.838	0.882	1.48	4.88	2.88	18
19	1.01	0.8758	0.821E	8.37	8.71	5.01	1.72	0.881	0.883	1.83	8.81	2.47	19
20	1.00	0.8528	0.808E	8.84	8.74	4.12	1.83	0.837	0.870	1.38	16.8	2.38	20
21	0.988	0.8408	0.788A	8.32	8.38	3.82	1.80	1.31	0.883	1.42	18.4	2.23	21
22	0.837	0.8948	0.778	8.17	8.24	4.07	1.38	1.12	0.887	1.28	11.8	2.18	22
23	0.800	0.8028	0.778	7.88	8.48	4.84	1.30	0.868	0.848	1.44	8.88	2.11	23
24	0.800	0.8808	0.774	7.38	8.32	8.87	1.28	0.892	0.842	2.14	7.84	2.04	24
25	0.890	0.8588	0.782	7.80	4.84	8.80	1.22	0.880	0.833	1.88	8.87	1.88	25
26	0.888	0.8408	0.784	7.80	8.08	8.02	1.18	0.832	0.848	1.80	8.87	1.87	26
27	0.878	0.8248	0.808	7.82	7.18	4.03	1.15	0.810	0.837	1.84	4.88	1.82	27
28	0.883	0.8108	0.814	8.48	11.7	3.37	1.08	0.788	0.825	1.41	4.27	1.84	28
29	0.884		0.804	10.2	11.1	3.48	1.02	0.773	0.813	1.38	3.88	1.77	29
30	2.78		0.803	12.1	12.8	3.73	1.00	0.787	0.818	1.38	3.71	1.72	30
31	4.84		0.801		18.1		1.01	0.795		1.30		1.70	31
TOTAL	42.840	32.720	25.791	188.804	333.84	285.01	61.37	29.383	19.237	34.320	---	140.84	TOTAL
MEAN	1.38	1.17	0.832	6.83	10.8	8.83	1.98	0.948	0.841	1.11	---	4.54	MEAN
MAX	4.84	2.45	1.00	12.1	20.4	18.3	3.28	1.80	0.895	2.14	---	21.1	MAX
MIN	0.852	0.810	0.774	0.783	4.88	3.37	1.00	0.784	0.813	0.468	---	1.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.468 ON OCT 9

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 33 33 N
LONG 121 08 20 W
DRAINAGE AREA, 85.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 700	JUL	5 300
FEB	2 830	AUG	2 540
MAR	2 230	SEP	1 680
APR	14 600	OCT	2 970
MAY	28 800	NOV	---
JUN	33 600	DEC	12 200

COQUITLAM LAKE FOREBAY - STATION NO. 08MH149

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	44.231	43.842	41.388	42.128	48.887	53.482	52.178	48.871	48.180	48.810	48.032	48.514	1
2	44.088	43.801	41.207	42.281	48.818	53.884	52.348	48.481	48.183	48.800	48.817	48.381	2
3	44.284	43.328	41.038	42.428	48.028	53.888	52.308	48.281	48.188	48.778	48.880	48.781	3
4	44.781	43.138	41.032	42.888	48.218	53.741	52.218	48.088	48.180	48.767	48.887	48.788	4
5	44.888	42.884	41.118	42.838	48.447	53.818	52.082	48.088	48.172	48.781	48.888	51.041	5
6	44.887	42.788	41.328	43.182	48.748	53.888	51.884	48.087	47.888	48.788	48.811	50.882	6
7	44.888	42.881	41.288	43.878	50.022	53.887	51.888	48.078	47.883	48.742	48.881	50.882	7
8	44.818	42.348	41.144	43.808	50.288	53.810	51.818	48.038	47.880	48.727	48.287	50.817	8
9	44.887	42.188	41.028	44.082	50.841	53.813	51.321	47.807	47.848	48.724	47.388	50.881	9
10	44.884	41.888	41.087	44.188	50.734	53.881	51.138	47.888	47.837	48.888	48.348	50.887	10
11	44.811	41.828	41.388	44.388	50.883	53.848	50.937	47.884	47.784	48.871	48.888	50.478	11
12	44.881	41.883	41.737	44.883	50.881	53.848	50.724	47.877	47.883	48.772	48.881	50.342	12
13	44.388	41.881	41.888	44.800	51.080	53.881	50.518	47.878	47.801	48.728	48.478	50.017	13
14	44.283	41.877	42.103	45.104	51.182	54.027	50.338	47.888	47.888	48.813	48.343	49.788	14
15	44.188	41.783	42.001	45.408	51.278	54.078	50.324	47.804	48.888	48.437	48.173	49.848	15
16	44.283	41.584	41.888	45.821	51.430	54.002	50.383	47.828	48.877	48.322	48.028	49.310	16
17	44.588	41.374	41.738	45.780	51.813	53.888	50.802	47.848	48.338	48.011	48.078	49.084	17
18	44.881	41.207	41.788	45.843	51.818	53.771	50.888	47.847	48.108	44.838	48.183	48.825	18
19	44.488	41.038	41.828	46.188	52.038	53.883	50.614	47.880	48.824	44.737	48.343	48.578	19
20	44.348	40.884	41.848	46.438	52.138	53.843	50.388	47.881	48.802	44.813	48.788	48.333	20
21	44.314	40.673	41.747	46.772	52.217	53.488	50.018	47.778	48.888	44.878	50.373	48.087	21
22	44.082	40.731	41.881	46.848	52.284	53.318	49.881	47.838	48.878	44.838	50.433	47.818	22
23	43.881	41.203	41.840	47.088	52.371	53.148	49.888	48.028	48.870	45.388	50.588	47.583	23
24	43.880	41.284	41.488	47.182	52.518	53.008	50.012	48.070	48.857	48.033	50.881	47.343	24
25	43.471	41.277	41.287	47.388	52.838	52.888	50.023	48.082	48.838	48.172	50.802	47.108	25
26	43.281	41.485	41.258	47.838	52.788	52.731	50.008	48.128	48.838	48.548	50.488	48.878	26
27	43.084	41.838	41.488	47.782	53.228	52.814	49.822	48.148	48.838	48.888	50.278	48.843	27
28	42.858	41.550	41.882	47.478	53.428	52.488	49.848	48.188	48.833	48.743	50.113	48.388	28
29	42.888		41.741	48.088	53.838	52.283	49.348	48.188	48.828	48.882	49.918	48.158	29
30	43.038		41.887	48.348	53.800	52.118	49.102	48.173	48.817	48.417	49.724	48.818	30
31	43.872		41.888		53.478		48.888	48.178		48.338		48.708	31
MEAN	44.008	41.824	41.538	45.348	51.383	53.481	50.887	47.841	48.871	48.888	48.888	48.858	MEAN
MAX	44.781	43.842	42.103	48.348	53.838	54.078	52.348	48.871	48.188	48.888	50.882	51.041	MAX
MIN	43.888	40.873	41.038	42.138	48.887	52.118	48.888	47.878	48.817	44.812	48.888	48.708	MIN

WATER LEVELS IN METRES

MEAN, 47.235
MAXIMUM DAILY, 54.078 ON JUN 15
MINIMUM DAILY, 40.873 ON FEB 21
MAXIMUM INSTANTANEOUS,
54.101 AT 10:08 PST ON JUN 15

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 100.000 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 21 20 N
LONG 122 48 40 W

REGULATED

COQUITLAM RIVER ABOVE COQUITLAM LAKE - STATION NO. 08MH141

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.04	4.05 B	1.21 B	3.07	11.5	14.5	23.1	2.40E	1.47	0.785	1.87	1.82	1
2	1.84	3.71 B	1.01 B	3.18	11.8	16.2	13.8	4.50E	1.32	0.733	1.81	15.1	2
3	19.8	3.63 B	0.8178	3.10	11.4	16.0	11.4	3.68E	1.24	0.878	12.7	44.0	3
4	7.95	1.82 B	0.8538	2.81	11.8	16.7	8.26	3.16E	1.18	0.847	14.1	41.8	4
5	3.36	1.37 B	4.28	5.11	15.0	17.1	8.71	3.23E	1.15	0.835	4.80	10.8	5
6	3.36	1.06 B	5.82	14.8	18.7	14.0	5.11	3.21E	1.06	0.875	17.4	5.70	6
7	1.71	0.8408	3.80	11.3	18.8	12.6	5.07	2.60E	1.06	0.867	7.30	5.06	7
8	1.68	0.8908	3.62	8.88	18.7	11.8	4.84	2.05A	1.06	0.702	24.8	5.85	8
9	1.45	0.8388	3.88	8.40	13.7	9.51	4.48	1.80A	1.02	0.672	88.0	4.95	9
10	1.30	0.8008	10.6	8.23	10.1	9.25	4.84	1.73	0.989	1.88	36.9	3.98	10
11	1.13	0.7858	12.0	7.24	7.31	11.8	4.46	1.57	0.915	17.2	10.2	3.15	11
12	2.04	0.7878	8.28	6.71	6.73	11.1	4.87	1.80	0.807	18.0	5.57	1.78	12
13	2.77	0.7808	5.10	10.6	5.88	13.8	5.07	1.84	0.880	8.51	4.24	1.56	13
14	1.47	0.7348	3.30	13.6	7.46	22.3	4.75	1.63	0.875	4.28	3.44	1.41	14
15	1.47	0.7238	2.80	11.3	8.28	10.7	4.19	2.19	0.882	2.80	2.83	1.27	15
16	10.5	0.7188	2.15	8.05	8.88	7.45	4.31	2.86	1.06	2.18	3.00	1.18	16
17	8.44	0.7368	1.83	7.14	8.86	10.2	8.30E	2.22	1.45	1.83	3.38	1.03	17
18	3.88	0.7738	1.93	7.84	9.16	8.24	4.28E	1.87	1.11	8.86	3.82	0.918	18
19	2.48	0.8088	1.72	10.8	8.83	11.3	4.00E	1.73	0.834	7.73	18.1	0.888	19
20	2.31	0.8188	1.87	17.6	8.24	7.88	3.38E	2.88	0.888	12.3	33.3	0.785	20
21	3.80	1.01 B	3.43	11.1	4.85	5.58	2.95E	8.18	0.831	18.8	10.8	0.781	21
22	1.78	18.9 B	2.81	8.63	4.70	5.87	2.48E	5.88	0.828	34.0	4.78	0.909	22
23	1.44	11.6	2.58	6.88	5.84	5.84	2.40E	3.76	0.844	30.8	8.34	1.12	23
24	1.28	4.84	2.21	5.87	5.75	5.88	2.80E	2.82	0.838	30.0	5.88	1.33	24
25	1.13	3.68	2.04	5.32	5.28	5.78	2.78E	2.87	0.818	10.3	3.88	1.08	25
26	1.14	1.88	5.44	8.74	11.8	8.12	3.28E	2.45	1.02	27.0	2.81	1.04	26
27	1.82	1.88	7.34	8.28	12.2	6.84	3.85E	2.11	0.831	8.07	2.35	1.08	27
28	1.38	1.63	4.78	6.83	7.87	5.88	3.02E	1.83	0.674	4.67	3.18	0.886	28
29	2.87		2.88	12.3	6.22	5.87	2.81E	1.68	0.830	3.38	2.84	0.787	29
30	38.1		2.83	13.4	8.28	8.88	2.80E	1.85	0.813	2.73	2.11	0.782	30
31	11.8		3.38		10.8		3.10E	1.58		2.27		3.02	31
TOTAL	141.30	88.060	117.670	258.40	288.55	331.81	182.06	87.30	30.033	280.672	332.27	172.418	TOTAL
MEAN	4.88	3.47	3.78	8.88	9.83	11.1	5.23	2.82	1.00	8.42	11.1	5.56	MEAN
MAX	38.1	18.9	12.0	17.6	18.7	22.3	23.1	8.18	1.47	34.0	84.8	44.8	MAX
MIN	1.13	0.718	0.817	2.81	4.70	5.58	2.40	1.50	0.813	0.838	1.81	0.787	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.18
MAXIMUM DAILY, 88.0 ON NOV 9
MINIMUM DAILY, 0.838 ON OCT 8
MAXIMUM INSTANTANEOUS,
130 AT 18:21 PST ON NOV 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 20 N
LONG 122 47 28 W
DRAINAGE AREA, 84.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	12 200	JUL	14 000
FEB	8 870	AUG	7 540
MAR	10 200	SEP	2 590
APR	22 300	OCT	22 800
MAY	25 600	NOV	28 700
JUN	28 600	DEC	14 800

TOTAL DISCHARGE, 185 000 dam³

COQUITLAM RIVER AT PORT COQUITLAM - STATION NO. 08MH002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.35	4.63 B	1.84	4.47	5.88	5.88	12.3	1.02	0.880	0.488	1.48	2.86	1
2	4.41	3.78 B	1.80	4.81	5.77	5.40	5.83	1.80	0.838	0.474	1.38	8.81	2
3	26.2	1.85 B	1.84	4.47	5.88	5.18	4.31	1.47	0.804	0.483	13.3	18.8	3
4	10.2	1.73 B	1.84	5.87	5.21	5.88	2.95	1.08	0.788	0.481	18.0	38.8	4
5	5.58	1.80 B	3.87	10.0	5.87	5.80	2.32	0.880	0.780	0.472	4.34	8.88	5
6	4.18	1.44 B	5.83	13.8	7.27	4.48	1.88	0.775	0.788	0.488	12.7	5.74	6
7	3.29	1.30 B	3.48	8.81	6.80	3.83	1.78	0.725	0.741	0.442	8.36	7.08	7
8	2.87	1.26 B	2.88	6.78	6.08	3.73	1.78	0.712	0.748	0.448	28.8	13.2	8
9	3.18	1.16 B	3.38	4.83	5.28	3.31	1.52	0.675	0.880	0.488	80.8	8.20	9
10	2.88	1.08 B	7.08	4.72	4.08	2.81	1.88	0.880	0.848	0.508	42.7	3.88	10
11	2.38	1.00 B	8.88	5.03	3.42	3.88	1.48	0.833	0.841	7.03	8.78	3.27	11
12	8.28	0.9308	6.18	5.47	2.70	3.84	1.48	0.822	0.822	3.71	4.83E	2.82	12
13	8.88	0.9208	6.13	6.48	2.48	3.83	1.37	0.812	0.802	2.18	4.78E	2.88	13
14	3.80	0.9208	4.32	7.88	3.37	7.37	1.28	1.28	0.881	2.13	4.18E	3.38	14
15	4.38	0.9208	3.37	8.84	4.10	3.31	1.11	1.08	0.881	1.33	3.08A	3.28	15
16	22.0	1.10 B	2.88	4.83	4.31	2.43	1.18	1.01	0.887	1.01	3.08	3.16	16
17	12.4	1.28	2.84	4.01	4.84	2.28	5.83	0.940	0.748	0.858	3.87	3.08	17
18	10.8	1.72	2.82	4.38	4.84	2.80	2.08	0.808	0.844	1.82	3.70	1.88	18
19	8.13	1.87	2.43	5.22	5.71	5.37	1.45	0.732	0.888	1.82	10.8	2.81	19
20	5.46	1.88	2.23	7.83	4.08	4.48	1.18	1.08	0.884	1.83	18.4	2.82	20
21	5.23	1.81	4.47	5.81	3.83	3.81	1.08	8.88	0.882	3.77	8.33	1.88	21
22	4.32	11.8	3.88	4.08	3.19	3.47	0.884	8.18	0.847	8.48	10.0 E	2.09	22
23	3.38	11.4	3.02	3.47	4.80	3.82	0.830	2.82	0.837	10.4	11.7 E	2.31	23
24	2.84	8.88	2.70	3.78	8.28	3.00	0.883	1.70	0.831	12.3	11.3 E	2.33	24
25	2.87	3.76	4.81	4.78	5.18	2.78	0.834	1.40	0.831	3.84	10.2 E	2.08	25
26	2.48	2.80	8.12	5.40	10.3	3.83	0.780	1.32	0.781	21.4	8.40E	1.88	26
27	2.73	2.87	12.8	4.88	12.7	3.04	0.725	1.18	0.888	8.34	3.80E	1.58	27
28	2.40	2.38	7.38	5.20	8.84	2.78	0.708	1.05	0.838	4.18	4.03	1.88	28
29	8.82		5.80	5.88	4.85	2.24	0.888	0.977	0.811	2.72	3.42	1.81	29
30	23.7		4.88	4.83	4.08	2.08	0.887	0.838	0.488	2.11	3.11	1.80	30
31	10.3		4.48		4.38		0.881	0.838		1.73		2.48	31
TOTAL	213.28	73.830	138.77	176.82	168.82	112.67	83.838	42.878	18.837	107.444	344.84	182.78	TOTAL
MEAN	6.88	2.83	4.81	5.88	5.48	3.76	2.05	1.38	0.881	3.47	11.5	5.28	MEAN
MAX	26.2	11.8	12.8	13.8	12.7	7.37	12.3	8.18	0.880	21.4	80.8	38.8	MAX
MIN	2.28	0.930	1.84	3.47	3.48	2.08	0.881	0.813	0.488	0.442	1.38	1.88	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.48
MAXIMUM DAILY, 80.8 ON NOV 8
MINIMUM DAILY, 0.442 ON OCT 7
MAXIMUM INSTANTANEOUS,
188 AT 18:19 PST ON NOV 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 15 58 N
LONG 122 48 51 W
DRAINAGE AREA, 237 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1982

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 400	JUL	5 480
FEB	8 280	AUG	3 700
MAR	12 100	SEP	1 880
APR	15 300	OCT	8 280
MAY	14 700	NOV	28 800
JUN	9 780	DEC	14 100

TOTAL DISCHARGE, 141 000 dam³

CORNING CREEK NEAR BOUILAX - STATION NO. 08LB077

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.068E	0.035B	0.032B	0.086	1.81	1.80	0.384	0.113	0.186	0.047	0.087	0.122	1
2	0.070E	0.028B	0.032B	0.088	1.77	1.80	0.282	0.227	0.288	0.044	0.087	0.123	2
3	0.070E	0.027B	0.033B	0.085	1.84	1.31	0.262	0.438	0.228	0.042	0.115	0.127	3
4	0.068E	0.028B	0.034B	0.080	2.32	1.27 A	0.229	0.224	0.187	0.040	0.275	0.138	4
5	0.068E	0.028B	0.035B	0.087	2.38	1.08 E	0.212	0.174	0.187	0.038	0.188	0.141	5
6	0.067E	0.028B	0.035B	0.125	2.80	0.950E	0.187	0.144	0.185	0.037	0.188	0.135	6
7	0.065E	0.030B	0.034B	0.145	2.80	0.850E	0.183	0.122	0.148	0.034	0.170	0.130	7
8	0.063E	0.031B	0.032B	0.148	2.83	0.800E	0.171	0.102	0.135	0.032	0.158	0.136	8
9	0.061E	0.032B	0.030B	0.137	3.03	0.740E	0.157	0.084	0.128	0.028	0.219	0.128	9
10	0.058E	0.033B	0.028B	0.148	3.78	0.720E	0.181	0.072	0.118	0.040	0.344	0.123	10
11	0.060A	0.033B	0.026B	0.174	3.06	0.670E	0.207	0.080	0.114	0.050	0.272	0.117	11
12	0.063	0.034B	0.029B	0.222	1.47	0.650E	0.168	0.088	0.105	0.050	0.234	0.124	12
13	0.066	0.035B	0.032B	0.262	1.40	0.630A	0.155	0.088	0.098	0.068	0.218	0.122	13
14	0.065	0.035B	0.034B	0.357	1.42	0.738	0.149	0.080	0.088	0.063	0.198	0.118	14
15	0.064	0.036B	0.040	0.444	1.48	0.778	0.801	0.088	0.081	0.052	0.176	0.114	15
16	0.067	0.036B	0.035	0.428	1.58	0.633	0.308	0.261	0.084	0.043	0.186	0.112	16
17	0.066	0.037B	0.033	0.418	1.64	0.542	0.236	0.206	0.161	0.041	0.178	0.107	17
18	0.066	0.036B	0.035	0.446	1.52	0.447	0.211	0.167	0.135	0.040	0.170	0.103	18
19	0.062	0.036B	0.036	0.574	1.43	0.486	0.180	0.138	0.116	0.038	0.197	0.0988	19
20	0.062	0.037B	0.037	0.824	1.38	0.487	0.171	0.128	0.106	0.041	0.173	0.0988	20
21	0.065	0.038B	0.040	0.830	1.31	0.397	0.154	0.156	0.096	0.048	0.181	0.0978	21
22	0.063	0.038B	0.040	0.796	1.28	0.388	0.147	0.178	0.090	0.058	0.148	0.0988	22
23	0.045	0.038B	0.038	0.735	1.37	0.350	0.135	0.142	0.083	0.068	0.152	0.102	23
24	0.042	0.037B	0.042	0.680	1.38	0.328	0.140	0.118	0.077	0.197	0.148	0.103	24
25	0.041B	0.036B	0.057	0.751	1.38	0.302	0.182	0.107	0.072	0.180	0.148	0.105	25
26	0.040	0.035B	0.064	0.808	1.33	0.315	0.190	0.114	0.086	0.148	0.140	0.100	26
27	0.047	0.034B	0.081	1.03	1.31	0.271	0.184	0.127	0.084	0.138	0.133	0.087	27
28	0.052	0.033B	0.092	1.05	1.28	0.257	0.148	0.106	0.080	0.118	0.133	0.100	28
29	0.054		0.083	1.28	1.30	0.288	0.137	0.088	0.086	0.108	0.133	0.102	29
30	0.055		0.067	1.58	1.40	0.396	0.126	0.084	0.082	0.108	0.128	0.102	30
31	0.058B		0.098		1.49		0.118	0.178		0.098		0.101	31
TOTAL	1.781	0.945	1.425	15.028	55.47	20.154	5.143	4.384	3.618	2.118	5.287	3.618	TOTAL
MEAN	0.057	0.034	0.046	0.501	1.79	0.672	0.166	0.141	0.121	0.068	0.175	0.114	MEAN
MAX	0.070	0.038	0.098	1.58	3.78	1.80	0.801	0.438	0.288	0.197	0.344	0.141	MAX
MIN	0.040	0.028	0.026	0.080	1.28	0.257	0.118	0.066	0.082	0.028	0.097	0.095	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.328
MAXIMUM DAILY, 3.78 ON MAY 10
MINIMUM DAILY, 0.0288 ON FEB 4
MAXIMUM INSTANTANEOUS,
8.54 AT 09:26 PST ON MAY 10

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 54 54 N
LONG 119 32 00 W
DRAINAGE AREA, 39.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	152	JUL	531
FEB	81.6	AUG	377
MAR	123	SEP	312
APR	1 300	OCT	183
MAY	4 780	NOV	454
JUN	1 740	DEC	304

TOTAL DISCHARGE, 10 300 dam³

COTTONWOOD RIVER ABOVE BASS CREEK - STATION NO. 10AC006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.788	2.608	2.318	2.808	12.08	108	28.7	18.7	8.88	13.8	8.41	8.788	1
2	3.788	2.408	2.318	2.838	14.1	83.1	28.3	17.8	8.87	12.8	8.88	7.008	2
3	3.718	2.278	2.268	2.888	17.0	78.8	30.2	16.3	8.88	18.7	10.7	7.188	3
4	3.888	2.228	2.328	2.888	22.7	108	27.1	15.8	12.1	21.8	10.8	7.068	4
5	3.408	2.208	2.348	2.988	30.8	113	25.3	15.4	10.8	17.0	10.0	6.898	5
6	3.008	2.188	2.328	3.008	40.8	80.5	30.0	20.8	8.88	15.8	9.10	6.788	6
7	2.788	2.208	2.308	3.018	50.2	73.7	29.1	18.5	8.28	16.8	9.008	6.608	7
8	2.708	2.228	2.278	3.038	60.8	68.4	28.0	18.2	8.87	16.8	8.508	6.388	8
9	2.688	2.268	2.218	3.108	63.1	66.7	25.7	18.8	8.54	17.7	7.808	6.808	9
10	2.708	2.328	2.188	3.188	62.4	68.7	28.8	18.8	8.39	18.7	7.108	6.508	10
11	2.738	2.348	2.188	3.228	62.0	67.3	28.8	18.7	8.11	17.4	6.908	6.388	11
12	2.668	2.338	2.208	3.268	34.3	68.5	28.8	14.8	7.87	16.7	6.708	6.808	12
13	2.638	2.308	2.238	3.288	31.4	68.2	28.8	14.0	7.74	14.4	7.008	6.888	13
14	2.608	2.218	2.308	3.288	33.8	77.8	28.8	13.8	7.78	12.8	7.408	6.108	14
15	2.528	2.188	2.328	3.308	46.0	88.4	32.8	14.2	7.74	13.2	7.808	6.208	15
16	2.888	2.148	2.318	3.308	51.8	48.8	19.7	13.8	7.80	13.0 B	8.208	6.188	16
17	2.578	2.128	2.308	3.308	43.8	41.0	17.8	12.8	7.87	11.8 B	8.408	5.808	17
18	2.808	2.128	2.338	3.358	41.7	36.3	17.8	12.1	7.84	11.3 B	8.008	5.808	18
19	2.808	2.148	2.408	3.428	41.4	37.8	20.1	11.8	8.84	11.0 B	7.808	4.308	19
20	2.808	2.188	2.808	3.808	40.4	38.8	23.3	12.2	10.3	10.7 B	7.408	4.088	20
21	2.488	2.248	2.808	3.838	48.2	40.3	22.4	12.8	11.8	10.5 B	7.458	4.008	21
22	2.488	2.308	2.888	3.888	57.0	37.7	38.0	11.8	13.2	10.5 B	7.408	4.108	22
23	2.488	2.318	2.728	3.808	64.8	40.8	35.3	13.4	18.0	10.5 B	7.258	4.308	23
24	2.588	2.318	2.778	3.828	66.0	43.7	28.8	13.8	15.4	10.4 B	7.208	4.408	24
25	2.688	2.308	2.788	3.738	65.7	44.0	22.8	13.4	13.1	10.0 B	7.258	4.488	25
26	2.638	2.268	2.788	3.888	70.2	38.1	20.0	11.4	12.2	8.808	7.888	4.488	26
27	2.648	2.268	2.788	4.308	72.8	38.2	18.5	10.7	11.8	8.708	7.708	4.458	27
28	2.688	2.238	2.788	5.008	78.8	32.7	18.7	10.1	12.1	10.2 B	7.758	4.508	28
29	2.848		2.808	7.008	67.4	30.8	16.8	9.83	18.0	10.1 B	7.808	4.888	29
30	2.828		2.828	9.508	108	30.3	17.2	9.48	18.4	9.308	7.008	4.508	30
31	2.708		2.858		113		20.8	8.88		8.28		4.408	31
TOTAL	87.74	83.17	78.08	111.07	1 888.2	1 778.8	788.3	438.87	318.44	408.88	241.88	188.28	TOTAL
MEAN	2.83	2.28	2.48	3.70	61.8	88.3	24.8	14.1	10.8	13.2	8.08	5.48	MEAN
MAX	3.78	2.68	2.88	9.58	113	113	38.8	20.8	18.8	21.8	10.8	7.18	MAX
MIN	2.48	2.12	2.18	2.88	12.8	30.3	17.2	8.88	7.87	8.28	8.88	4.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.8
MAXIMUM DAILY, 113 ON MAY 31
MINIMUM DAILY, 2.128 ON FEB 18
MAXIMUM INSTANTANEOUS,
137 AT 01:37 PST ON JUN 8

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 07 08 N
LONG 129 48 23 W
DRAINAGE AREA, 888 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 840	JUL	88 800
FEB	8 480	AUG	37 800
MAR	8 870	SEP	27 800
APR	8 800	OCT	38 300
MAY	138 000	NOV	20 800
JUN	184 000	DEC	14 800

TOTAL DISCHARGE, 824 000 dam³

COTTONWOOD RIVER NEAR CINEMA - STATION NO. 05KE009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.75B	4.85B	4.35B	5.70B	99.5	47.8	25.5	5.34	12.5	4.92	10.6	14.0 B	1
2	3.80B	4.70B	4.35B	5.00B	93.7	46.4	25.3	11.3	10.9	4.86	11.5	13.9 B	2
3	3.82B	4.62B	4.35B	5.20B	88.1	43.5	25.5	12.2	10.3	4.86	12.6	14.2 B	3
4	3.77B	4.57B	4.37B	5.55B	84.9	42.8	23.7	11.9	9.91	4.57	13.9	14.5 B	4
5	3.72B	4.62B	4.38B	7.12B	87.0	44.9	22.4	11.5	9.44	4.57	17.4	14.9 B	5
6	3.70B	4.48B	4.38B	10.0 B	94.0	43.5	21.8	11.4	9.01	4.57	22.0	15.0 B	6
7	3.67B	4.48B	4.48B	11.7 B	99.6	38.2	17.3	11.2	8.20	4.41	28.6	14.8 B	7
8	3.68B	4.42B	4.50B	12.8 B	88.1	32.8	16.4	11.0	7.81	4.15	32.0	14.5 B	8
9	3.65B	4.48B	4.58B	14.0 B	80.9	31.2	15.8	8.65	8.75	4.08	33.0	13.2 B	9
10	3.70B	4.60B	4.64B	16.0 B	100	29.6	17.1	9.75	8.03	4.15	33.0	11.6 B	10
11	3.78B	4.53B	4.67B	23.0 B	81.9	28.4	17.0	9.75	5.85	4.75	34.0	9.80B	11
12	3.78B	4.55B	4.67B	26.0 B	78.9	25.5	17.6	9.54	5.60	5.34	33.0B	8.40B	12
13	3.80B	4.55B	4.65B	38.2	69.2	25.9	16.5	8.91	5.34	5.34	31.0B	7.80B	13
14	3.80B	4.53B	4.65B	64.0	51.4	26.4	13.2	7.13	5.00	4.92	25.5B	8.40B	14
15	3.80B	4.50B	4.88B	56.0	47.1	24.1	11.8	9.75	4.49	4.83	23.3B	9.70B	15
16	3.82B	4.43B	4.70B	56.8	42.0	21.2	16.4	8.70	4.55	4.57	22.2B	8.10B	16
17	3.85B	4.41B	4.75B	59.8	53.7	18.5	13.2	7.23	4.57	5.38	23.0B	4.10B	17
18	3.93B	4.40B	4.75B	53.1	51.9	18.2	11.4	8.85	5.09	5.30	26.0B	3.90B	18
19	3.88B	4.40B	4.78B	54.0	52.8	16.5	9.96	7.23	5.77	5.85	27.6B	3.70B	19
20	4.00B	4.39B	4.76B	58.0	58.3	17.0	8.70	8.22	5.76	7.13	26.0B	3.80B	20
21	4.02B	4.43B	4.75B	137	45.8	16.4	8.80	9.84	8.10	7.23	26.0B	3.50B	21
22	4.05B	4.50B	4.78B	128	40.8	17.1	9.75	21.6	6.57	7.42	23.6B	3.43B	22
23	4.08B	4.50B	4.80B	104	35.6	15.7	8.84	24.4	5.85	7.51	21.6B	3.80B	23
24	4.10B	4.50B	4.88B	83.8	35.7	13.4	8.23	20.1	5.61	6.70	20.3B	3.85B	24
25	4.20B	4.53B	4.90B	82.5	34.8	12.7	8.70	13.6	5.08	5.75	19.0B	3.90B	25
26	4.30B	4.50B	5.00B	81.8	34.8	13.2	8.30	12.0	5.00	5.88	17.2B	4.80B	26
27	4.43B	4.47B	5.10B	74.5	34.0	14.3	8.30	15.0	4.57	10.5	16.2B	5.80B	27
28	4.62B	4.43B	5.20B	82.5	32.4	15.7	7.70	20.5	4.32	9.84	16.2B	6.70B	28
29	4.62B		5.30B	84.4	32.2	16.5	7.13	17.6	4.15	9.54	14.6B	7.25B	29
30	5.00B		5.40B	86.5	34.6	14.3	8.03	14.4	4.07	8.86	14.1B	7.30B	30
31	5.05B		5.50B		40.1		8.12	12.8		10.1		7.10B	31
TOTAL	124.41	126.11	147.03	1 800.27	1 830.5	773.8	433.66	371.39	195.91	201.37	676.6	255.43	TOTAL
MEAN	4.01	4.50	4.74	53.3	82.3	25.8	14.0	12.0	6.53	6.50	22.6	8.24	MEAN
MAX	5.05	4.85	5.50	137	100	47.8	25.5	24.4	12.5	10.5	34.0	15.0	MAX
MIN	3.65	4.39	4.35	5.70	32.2	12.7	8.03	8.34	4.07	4.08	10.6	3.43	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.7
MAXIMUM DAILY, 137 ON APR 21
MINIMUM DAILY, 3.43B ON DEC 22

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 09 15 N
LONG 122 34 30 W
DRAINAGE AREA, 1 910 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 700	JUL	37 500
FEB	10 900	AUG	32 100
MAR	12 700	SEP	16 900
APR	138 000	OCT	17 400
MAY	157 000	NOV	58 500
JUN	66 900	DEC	22 100

TOTAL DISCHARGE, 591 000 dam³

COULOREY CREEK IN LOT 9380 - STATION NO. 08NP002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.382B	0.420B	0.300B	0.404E	5.91	7.00	4.08	1.65	1.52	0.858	1.14	1.85	1
2	0.390B	0.370B	0.375B	0.387E	7.19	6.60	3.84	1.60	2.16	0.841	1.10	1.61	2
3	0.415B	0.335B	0.380B	0.400E	7.31	11.2	3.63	1.48	2.38	0.834	1.06	1.76	3
4	0.485B	0.224B	0.380B	0.390E	7.38	11.4	3.58	1.44	2.18	0.838	1.28	2.22	4
5	0.480B	0.234B	0.280B	0.416E	8.61	11.9	3.32	1.41	2.11	0.813	1.26	2.80	5
6	0.420B	0.260B	0.300B	0.480E	11.1	13.2	3.17	1.38	2.03	0.800	1.18	2.80	6
7	0.370B	0.300B	0.325B	0.800E	14.8	14.0	3.14	1.33	1.89	0.803	1.17	2.86	7
8	0.380B	0.318B	0.345B	0.740E	15.7	13.7	2.84	1.28	1.78	0.772	1.11	2.47	8
9	0.324B	0.322B	0.380B	0.690E	15.5	13.0	2.89	1.28	1.70	0.780	1.33	2.32	9
10	0.327B	0.322B	0.368B	0.694E	15.5	12.2	2.89	1.34	1.87	0.788	4.87	2.09	10
11	0.320B	0.320B	0.388B	0.704E	14.0	11.7	2.76	1.31	1.58	0.828	18.8	1.98B	11
12	0.320B	0.317B	0.382B	0.740E	12.1	11.1	2.73	1.26	1.50	0.831	12.9	1.87	12
13	0.380B	0.318B	0.390B	0.800E	10.2	10.9	2.84	1.26	1.43	0.834	8.20	1.86	13
14	0.380B	0.321B	0.369B	1.19 A	8.83	10.7	2.80	1.22	1.36	0.473	6.02	1.81	14
15	0.390B	0.323B	0.360B	1.92	8.42	10.3	2.81	1.18	1.31	0.859	4.80	1.74	15
16	0.402B	0.322B	0.385B	2.92	8.82	9.94	2.50	1.15	1.25	0.820	4.14	1.66	16
17	0.424B	0.320B	0.384B	2.62	9.68	8.82	2.40	1.14	1.23	0.782	3.83	1.69	17
18	0.420B	0.316B	0.380B	2.16	9.84	7.84	2.30	1.12	1.20	0.781	3.27	1.82	18
19	0.423B	0.317B	0.380B	2.42	9.82	7.37	2.28	1.08	1.16	0.737	3.28	1.48	19
20	0.382B	0.319B	0.370B	2.76	9.78	6.86	2.18	1.09	1.13	0.780	3.38	1.40B	20
21	0.340B	0.322B	0.400E	5.82	8.82	6.14	2.11	1.11	1.08	1.18	3.36	1.30B	21
22	0.320B	0.330B	0.423A	11.8	8.96	5.78	2.04	1.12	1.06	1.41	3.26	1.27B	22
23	0.300B	0.336B	0.420E	8.82	7.98	5.61	1.87	1.10	1.03	1.48	3.03	1.38	23
24	0.287B	0.337B	0.420E	6.41	7.83	5.34	1.82	1.22	1.00	1.81	2.97	1.31	24
25	0.276B	0.338B	0.429E	5.84	6.88	5.21	1.85	1.43	0.976	1.85	2.88	1.29	25
26	0.283B	0.340B	0.440E	4.92	6.56	5.19	1.81	1.42	0.858	1.53	2.80	1.24	26
27	0.314B	0.338B	0.460E	4.40	6.28	4.82	1.80	1.68	0.837	1.48	2.42	1.31	27
28	0.342B	0.329B	0.450E	3.93	6.04	4.67	1.78	1.68	0.812	1.40	2.32	1.18	28
29	0.384B		0.416E	3.79	5.88	4.49	1.70	1.71	0.808	1.31	2.06	1.17	29
30	0.420B		0.396E	4.36	5.37	4.27	1.68	1.63	0.881	1.25	1.85	1.14	30
31	0.448B		0.400E		5.50		1.80	1.55		1.18		1.11	31
TOTAL	11.481	8.772	11.463	84.475	278.12	264.14	78.49	41.33	32.252	31.670	108.43	53.18	TOTAL
MEAN	0.370	0.313	0.370	2.82	9.00	8.80	2.58	1.33	1.61	1.02	3.61	1.72	MEAN
MAX	0.480	0.420	0.480	11.8	15.7	14.0	4.08	1.71	2.38	1.81	18.8	2.80	MAX
MIN	0.276	0.224	0.280	0.390	5.37	4.27	1.80	1.08	0.881	0.737	1.85	1.11	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.78
MAXIMUM DAILY, 18.8 ON NOV 11
MINIMUM DAILY, 0.224B ON FEB 4
MAXIMUM INSTANTANEOUS,
24.2 AT 10:01 MST ON APR 22

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 01 57 N
LONG 114 35 00 W
DRAINAGE AREA, 118 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	980	JUL	6 870
FEB	788	AUG	3 670
MAR	990	SEP	3 880
APR	7 300	OCT	2 730
MAY	24 100	NOV	8 370
JUN	22 800	DEC	4 890

TOTAL DISCHARGE, 87 700 dam³

COWICHAN LAKE NEAR LAKE COWICHAN - STATION NO. 08HA005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.484	1.434	1.270	1.542	1.534	1.200	1.188	1.088	0.880	0.582	1.038	1.480	1
2	1.522	1.410	1.258	1.590	1.514	1.214	1.186	1.084	0.838	0.542	1.024	1.478	2
3	1.516	1.762	1.242	1.518	1.498	1.214	1.208	1.080	0.824	0.528	1.028	1.504	3
4	1.584	1.714	1.204	1.542	1.476	1.214	1.214	1.056	0.818	0.514	1.078	2.160	4
5	1.720	1.672	1.228	1.594	1.458	1.226	1.210	1.048	0.822	0.508	1.072	2.248	5
6	1.698	1.674	1.242	1.748	1.440	1.232	1.210	1.042	0.784	0.514	1.080	2.288	6
7	1.670	1.686	1.274	1.690	1.438	1.224	1.208	1.028	0.778	0.488	1.080	2.212	7
8	1.654	1.632	1.268	1.810	1.434	1.222	1.206	1.020	0.780	0.502	1.134	2.276	8
9	1.612	1.478	1.268	1.886	1.404	1.220	1.186	1.008	0.784	0.508	1.328	2.276	9
10	1.588	1.450	1.310	1.876	1.382	1.218	1.204	1.002	0.768	0.500	1.880	2.228	10
11	1.552	1.388	1.382	1.850	1.384	1.218	1.184	0.984	0.762	0.492	1.888	2.172	11
12	1.504	1.364	1.434	1.842	1.332	1.210	1.182	0.978	0.736	0.528	1.848	2.088	12
13	1.584	1.318	1.568	1.820	1.302	1.216	1.180	0.978	0.728	0.540	1.838	1.962	13
14	1.578	1.288	1.584	1.818	1.278	1.214	1.174	0.974	0.724	0.522	1.882	1.888	14
15	1.572	1.248	1.588	1.822	1.284	1.214	1.190	0.970	0.710	0.512	1.830	1.888	15
16	1.574	1.214	1.578	1.804	1.238	1.208	1.188	0.962	0.688	0.510	1.782	1.824	16
17	1.580	1.188	1.582	1.772	1.222	1.198	1.182	0.944	0.680	0.502	1.736	1.748	17
18	1.588	1.182	1.536	1.748	1.218	1.212	1.172	0.938	0.684	0.518	1.684	1.680	18
19	2.014	1.138	1.508	1.708	1.208	1.214	1.170	0.934	0.678	0.494	1.668	1.638	19
20	2.018	1.110	1.488	1.704	1.202	1.214	1.168	0.924	0.666	0.502	1.680	1.672	20
21	1.870	1.082	1.488	1.708	1.188	1.210	1.180	0.926	0.648	0.588	1.852	1.816	21
22	1.842	1.124	1.472	1.708	1.182	1.208	1.144	0.928	0.640	0.636	1.850	1.684	22
23	1.880	1.240	1.470	1.688	1.186	1.198	1.142	0.922	0.620	0.612	1.832	1.612	23
24	1.848	1.308	1.448	1.682	1.178	1.184	1.130	0.916	0.616	0.918	1.832	1.378	24
25	1.782	1.322	1.428	1.638	1.168	1.184	1.118	0.904	0.610	0.958	1.838	1.338	25
26	1.738	1.304	1.432	1.624	1.182	1.182	1.110	0.902	0.610	1.052	1.824	1.314	26
27	1.700	1.288	1.438	1.610	1.188	1.172	1.112	0.894	0.594	1.008	1.808	1.278	27
28	1.688	1.268	1.482	1.586	1.198	1.180	1.098	0.880	0.580	1.002	1.680	1.280	28
29	1.610		1.504	1.580	1.188	1.178	1.078	0.872	0.568	1.002	1.664	1.218	29
30	1.578		1.502	1.568	1.204	1.183	1.072	0.870	0.568	1.068	1.624	1.180	30
31	1.558		1.534		1.204		1.084	0.858		1.070		1.188	31
MEAN	1.718	1.388	1.418	1.721	1.288	1.207	1.181	0.983	0.704	0.881	1.530	1.720	MEAN
MAX	2.018	1.834	1.588	1.910	1.534	1.232	1.214	1.088	0.880	1.082	1.888	2.288	MAX
MIN	1.484	1.082	1.204	1.542	1.188	1.172	1.084	0.858	0.568	0.482	1.024	1.188	MIN

WATER LEVELS IN METRES

MEAN, 1.280
MAXIMUM DAILY, 2.276 ON DEC 8
MINIMUM DAILY, 0.482 ON OCT 11

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 48 30 N
LONG 124 04 40 W

REGULATED SINCE 1988

WATER LEVELS ARE REFERRED TO ASSUMED DATUM NO. 3
APPLY 180.944 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

COWICHAN RIVER AT LAKE COWICHAN - STATION NO. 08HA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	83.8	78.8	41.7	67.2	49.3	7.82	7.32	7.32	7.45	8.18	31.4	83.8	1
2	83.0	73.8	40.8	68.5	47.8	7.88	8.91	7.14	7.44	8.88	30.4	84.5	2
3	87.8	70.8	38.4	80.4	46.1	7.84	7.83	7.12	7.28	7.80	30.3	84.8	3
4	88.8	87.8	38.1	83.1	43.4	7.88	7.72	7.18	7.32	8.82	32.0	87.8	4
5	87.1	84.8	38.8	84.8	42.0	7.10	7.88	7.18	7.48	8.43	32.4	108	5
6	88.8	81.8	38.8	70.4	41.4	7.10	7.84	7.13	7.31	8.40	33.2	108	6
7	84.8	88.1	40.3	77.8	41.0	7.23	7.88	7.21	7.28	8.28	33.7	108	7
8	82.8	85.1	41.1	78.1	40.1	7.38	7.80	7.81	7.28	8.38	37.2	108	8
9	80.8	82.8	41.8	78.2	38.8	7.28	7.33	7.38	7.17	8.88	60.8	107	9
10	88.4	80.8	44.4	78.8	38.0	7.12	7.42	7.22	7.18	8.88	78.0	103	10
11	88.0	48.0	48.8	78.1	38.8	7.08	7.32	7.12	7.14	8.87	84.1	88.8	11
12	88.3	46.1	84.2	73.0	34.0	7.02	7.38	8.88	7.07	8.18	83.3	83.4	12
13	88.0	44.4	88.1	71.7	33.0	7.04	7.33	7.08	8.88	8.42	81.7	88.4	13
14	87.8	42.1	88.2	71.8	32.7	7.11	7.13	7.38	8.88	8.84	78.8	83.2	14
15	87.8	40.2	88.8	71.8	30.8	7.08	7.43	7.20	8.82	8.88	78.8	78.2	15
16	83.8	38.4	87.8	70.0	28.1	8.84	7.30	7.33	7.38	8.87	72.8	73.8	16
17	78.2	38.8	88.8	87.0	25.8	7.48	7.38	7.87	7.42	7.82	88.8	88.8	17
18	88.8	38.2	88.7	84.2	23.8	7.48	7.28	7.82	7.18	7.18	88.8	88.8	18
19	87.7	38.4	84.2	82.2	21.0	7.84	7.18	7.38	7.18	7.18	84.7	82.1	19
20	88.2	33.8	82.8	82.8	18.0	7.84	7.40	7.30	7.21	7.20	84.7	88.3	20
21	85.1	32.8	81.8	83.4	16.1	7.48	7.40	7.42	7.23	8.80	84.8	88.8	21
22	82.8	36.3	82.0	81.8	14.8	7.23	7.20	7.27	7.08	11.8	83.8	82.8	22
23	78.8	40.7	81.3	80.0	12.7	7.10	7.87	7.12	7.04	18.2	82.8	80.3	23
24	76.8	43.2	80.4	84.8	10.1	7.11	7.70	7.38	7.12	23.7	82.8	88.0	24
25	72.2	43.8	48.8	48.8	9.38	7.24	7.61	7.30	7.48	28.8	83.8	48.1	25
26	88.2	44.1	48.1	80.1	7.87	7.13	7.88	7.38	7.83	30.8	82.0	44.4	26
27	88.7	43.4	81.1	80.0	7.27	8.87	7.70	7.38	7.41	33.8	80.1	42.7	27
28	83.3	42.3	83.4	48.8	7.38	8.88	7.48	7.18	7.28	34.0	88.8	40.8	28
29	81.2		84.8	48.8	7.82	7.88	7.87	7.18	7.28	33.7	87.4	38.2	29
30	87.1		84.8	80.1	7.48	7.88	7.70	7.18	7.22	33.1	88.7	37.7	30
31	78.8		88.8		7.88		7.88	7.18		32.8		37.1	31
TOTAL	2 888.8	1 358.0	1 838.3	1 814.7	818.88	218.84	230.87	224.88	217.12	418.38	1 742.7	2 178.7	TOTAL
MEAN	87.8	48.8	48.8	83.8	28.4	7.28	7.48	7.28	7.24	13.8	88.1	78.8	MEAN
MAX	87.7	78.8	88.2	78.1	48.3	7.84	7.72	7.87	7.83	34.8	84.1	108	MAX
MIN	82.8	32.8	38.1	48.8	7.27	8.84	8.81	8.88	8.82	8.28	30.2	37.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 35.8
MAXIMUM DAILY, 108 ON DEC 8
MINIMUM DAILY, 8.28 ON OCT 8
MAXIMUM INSTANTANEOUS,
109 AT 18:88 PST ON DEC 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 48 34 N
LONG 124 03 07 W
DRAINAGE AREA, 888 km²

REGULATED SINCE 1988

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	181 888	JUL	18 888
FEB	117 888	AUG	18 488
MAR	133 888	SEP	18 888
APR	188 888	OCT	38 188
MAY	78 888	NOV	151 888
JUN	18 888	DEC	188 888

TOTAL DISCHARGE, 1 128 888 dam³

COWICHAN RIVER NEAR DUNCAN - STATION NO. 08HA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	88.0E	80.0	49.7	88.3	50.8	8.88	7.38	5.88	5.74	5.40	28.5	58.4	1
2	70.0E	84.0	46.2	77.1	48.6	8.73	8.28	5.82	8.10	5.27	38.3	80.2	2
3	73.0E	76.2	46.6	77.6	47.0	8.68	8.88	5.63	7.88	7.78	28.2	80.4	3
4	85.0E	73.4	43.5	80.7	46.4	8.40E	8.43	5.61	7.13	5.04	30.6	178	4
5	100 E	70.8	48.4	88.7	41.8	8.22E	8.31	5.61	7.00	4.71	30.2	144	5
6	90.0E	88.8A	58.5	102	41.3	8.28E	8.22	5.28	6.78	4.19	30.8	134	6
7	82.0E	85.7E	57.8	108	40.8	8.31E	8.88	5.17	6.28	4.08	32.2	130	7
8	78.0E	82.5E	58.2	88.8	40.3	8.40E	8.05	5.43	5.86	4.09	35.2	140	8
9	72.0E	80.3E	61.4	84.8	39.1	8.35E	8.81	5.54	5.82	4.27	48.7	131	9
10	87.0E	86.1E	77.3	90.8	37.8	8.20E	8.87	8.28	5.44	4.48	90.0	121	10
11	85.8E	83.8E	80.7	87.0	38.8	8.38E	8.83	5.28	5.30	4.78	90.8	113	11
12	86.0E	80.8E	87.1	83.4	34.2	8.20E	8.18	5.17	5.28	5.10	88.3	108	12
13	88.0E	87.3E	84.8	81.0	32.3	8.18E	8.01	5.08	5.18	5.37	84.8	100	13
14	88.2E	83.4A	78.3	80.0	32.1	8.15E	8.01	5.88	5.14	5.80	81.7	93.8	14
15	70.4E	41.8	74.2	78.8	30.8	8.18E	8.89	8.82	4.87	5.81	78.0	88.7	15
16	81.0E	41.1A	73.8	76.3	27.5	8.00E	8.82	5.88	5.37	5.85	75.2	78.1	16
17	118 A	40.0E	70.0	73.0	26.4	8.80E	8.85	5.48	5.88	5.84	71.8	73.9	17
18	131	38.8E	88.2	88.3	23.8	8.43E	8.88	5.84	5.40	8.13	87.7	88.8	18
19	116	37.8E	86.8	88.8	21.8	8.48E	8.84	5.82	5.38	8.28	85.8	85.0	19
20	108	36.2A	83.8	86.8	18.8	8.80E	8.84	5.37	8.48	8.17	87.4	81.8	20
21	102	35.8	83.7	87.1	18.8	8.40E	8.78	5.88	5.37	7.10	88.4	58.4	21
22	88.7	48.1	83.4	84.8	18.8	8.22E	8.88	8.82	5.30	10.2	88.8	84.8	22
23	81.1	88.2	81.4	83.2	13.7	8.18E	8.83	8.87	8.22	15.7	88.8	82.7	23
24	88.7	84.7	88.2	88.8	11.8	8.23E	8.84	8.80	5.28	22.4	88.2	81.8	24
25	82.0	88.8	88.2	83.0	10.8	8.80E	8.78	8.48	8.42	24.2	88.3	48.4	25
26	77.0	85.0	87.2	82.4	8.48	8.40E	8.88	8.81	8.82	28.1	88.4	47.2	26
27	74.1	82.7	83.1	82.0	7.44	8.18E	8.88	8.77	8.71	32.8	84.4	46.0	27
28	70.8	81.8	88.8	81.0	7.28	8.20E	8.83	8.88	8.83	33.8	82.8	43.4	28
29	87.4		88.2	81.3	8.88	8.22A	8.83	8.32	8.48	32.0	81.8	40.4	29
30	80.0		84.8	81.8	7.08	8.81A	8.88	8.42	8.42	31.8	88.2	38.8	30
31	88.3		88.3		7.14		8.87	8.30		30.8		38.4	31
TOTAL	2 887.0	1 874.0	1 888.2	2 224.8	828.07	188.48	185.02	178.18	171.88	278.13	1 808.1	2 848.8	TOTAL
MEAN	83.8	88.2	84.1	74.2	28.8	8.38	8.87	8.48	8.73	12.2	80.3	82.3	MEAN
MAX	131	88.8	87.1	108	88.8	8.88	8.38	8.88	7.88	32.8	88.8	178	MAX
MIN	88.8	38.8	43.8	81.8	8.88	8.88	8.84	8.85	4.87	4.88	28.2	38.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 40.2
MAXIMUM DAILY, 178 ON DEC 4
MINIMUM DAILY, 4.08 ON OCT 7
MAXIMUM INSTANTANEOUS,
207 AT 05:37 PST ON DEC 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 48 23 N
LONG 123 43 44 W
DRAINAGE AREA, 826 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1988

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	224 000	JUL	15 000
FEB	136 000	AUG	14 700
MAR	172 000	SEP	14 800
APR	192 000	OCT	22 800
MAY	71 300	NOV	188 000
JUN	15 800	DEC	230 000

TOTAL DISCHARGE, 1 270 000 dam³

CRAVEN CREEK NEAR THE MOUTH - STATION NO. 08DA008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.7888	0.4708	0.4838	0.4888	4.88	13.4	13.8	10.4	3.88	4.00	1.40 B	0.7808	1
2	0.7808	0.4788	0.4888	0.5008	8.27	12.8	18.8	8.87	2.87	3.80	1.38 B	0.7888	2
3	0.7888	0.4808	0.4818	0.5008	8.88	13.3	18.8	7.88	4.24	8.38	1.38 B	0.7888	3
4	0.7708	0.5008	0.4888	0.5058	8.18	14.1	14.1	8.81	4.22	8.38	1.38 B	0.7888	4
5	0.7208	0.5258	0.4858	0.5108	8.28	18.1	13.8	8.71	3.48	8.28	1.38 B	0.7788	5
6	0.8808	0.5388	0.4788	0.5178	8.17	18.3	14.4	8.88	4.37	4.37	1.31 B	0.7808	6
7	0.8408	0.5408	0.4838	0.5208	8.84	18.8	14.8	7.84	5.82	4.84	1.24 B	0.7208	7
8	0.8388	0.5488	0.4888	0.5308	8.81	18.1	18.8	7.23	4.88	4.88	1.11 B	0.8808	8
9	0.8308	0.5838	0.4588	0.5408	7.88	17.8	17.8	8.88	3.84	5.81	1.88 B	0.8408	9
10	0.8458	0.5848	0.4848	0.5808	8.87	18.2	18.2	7.83	4.82	8.88	0.8888	0.8208	10
11	0.8708	0.5728	0.4838	0.5708	8.81	18.8	18.8	8.38	3.84	4.38	0.8088	0.8388	11
12	0.8188	0.5728	0.4788	0.5858	4.88	23.8	18.8	8.87	3.88	3.88	0.7888	0.8888	12
13	0.8208	0.5788	0.4888	0.8158	4.44	23.2	18.3	8.88	3.17	3.81	0.7888	0.8888	13
14	0.8158	0.5858	0.4888	0.8408	4.22	28.7	12.2	8.82	2.38	3.18	0.8088	0.7888	14
15	0.8188	0.5818	0.4488	0.8788	4.48	27.8	8.82	7.82	1.78	2.71	0.8088	0.8888	15
16	0.8258	0.5618	0.4488	0.7008	8.81	23.8	8.84	7.82	1.88	2.88	0.8088	0.8888	16
17	0.8408	0.5228	0.4588	0.7408	4.28	20.7	8.88	7.82	1.48	2.87	0.8088	0.8408	17
18	0.8358	0.5248	0.4888	0.8008	4.08	18.7	10.3	7.21	1.44	2.87	0.8088	0.8188	18
19	0.8208	0.5258	0.4888	0.889	4.03	14.7	10.2	8.88	2.13	2.58	0.8188	0.8788	19
20	0.8888	0.5248	0.4688	1.02	3.77	13.4	10.7	7.08	7.11	2.48	0.8188	0.8008	20
21	0.8308	0.8218	0.4678	1.08	3.48	12.8	8.28	7.87	10.8	2.32	0.8088	0.8188	21
22	0.4958	0.8258	0.4588	1.10	3.82	12.8	12.1	7.81	8.73	2.17	0.7888	0.8408	22
23	0.4868	0.8148	0.4578	1.18	4.14	15.7	8.88	6.82	4.88	2.88	0.7788	0.8788	23
24	0.8188	0.8078	0.4718	1.28	4.88	18.7	8.84	8.27	8.18	1.98	0.7788	0.8008	24
25	0.8908	0.8038	0.4778	1.41	4.81	19.8	8.47	8.38	8.87	1.88	0.7888	0.8288	25
26	0.8408	0.4978	0.4808	1.84	4.84	13.7	8.81	8.82	4.82	1.81	0.8388	0.8388	26
27	0.8888	0.4888	0.4818	1.88	8.83	11.8	10.8	8.88	3.88	1.78	0.8588	0.8388	27
28	0.8588	0.4928	0.4838	2.28	8.83	11.8	10.8	8.77	4.48	1.88	0.8588	0.8288	28
29	0.8488		0.4888	2.88	7.84	13.8	8.88	8.78	8.77	1.88	0.8488	0.8088	29
30	0.8088		0.4888	3.72	12.7	14.8	8.47	8.37	8.12	1.87	0.7888	0.8088	30
31	0.8488		0.4928		12.1		11.1	4.87		1.48A		0.8288	31
TOTAL	19.898	14.738	14.881	30.848	178.88	518.8	381.33	227.48	134.78	100.14	28.828	28.298	TOTAL
MEAN	0.818	0.528	0.471	1.03	8.71	17.3	12.8	7.34	4.48	3.23	0.951	0.853	MEAN
MAX	0.788	0.584	0.488	3.72	12.7	28.7	18.8	10.4	10.8	8.38	1.48	0.788	MAX
MIN	0.488	0.478	0.448	0.488	3.48	11.8	8.47	4.87	1.44	1.44	0.778	0.808	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.80
MAXIMUM DAILY, 28.7 ON JUN 14
MINIMUM DAILY, 0.4488 ON MAR 18
MAXIMUM INSTANTANEOUS,
33.8 AT 13:11 PST ON JUN 14

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 58 08 N
LONG 128 37 87 W
DRAINAGE AREA, 118 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 850	JUL	33 800
FEB	1 270	AUG	19 700
MAR	1 280	SEP	11 800
APR	3 870	OCT	8 880
MAY	15 300	NOV	3 480
JUN	44 800	DEC	1 750

TOTAL DISCHARGE, 145 000 dam³

CRISS CREEK NEAR SAVONA - STATION NO. 08LF007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1258	0.0808	0.0418	0.136	4.28	5.80	1.98	0.082	1.87	0.228	0.780	0.6108	1
2	0.1338	0.0528	0.0448	0.129	5.55	5.53	1.61	0.385	2.18	0.217	0.752	0.5008	2
3	0.1388	0.0368	0.0498	0.120	5.80	4.34	1.38	2.88	1.84	0.211	0.940	0.5008	3
4	0.1268	0.0268	0.0838	0.114	6.15	3.74	1.30	1.93	1.87	0.204	1.33	0.5018	4
5	0.1178	0.0278	0.0988	0.106	7.03	3.28	1.08	1.25	1.81	0.178	1.77	0.5808	5
6	0.1088	0.0288	0.0848	0.115	8.27	2.85	0.882	0.893	1.54	0.158	1.63	0.5208	6
7	0.1028	0.0298	0.0728	0.203	7.40	2.49	0.676	0.714	1.37	0.168	1.48	0.4808	7
8	0.1048	0.0298	0.0808	0.235	7.49	2.14	0.802	0.881	1.18	0.148	1.35	0.4858	8
9	0.1068	0.0308	0.0858	0.216	8.66	2.12	0.678	0.612	1.01	0.184	1.28	0.5008	9
10	0.1088	0.0308	0.0848	0.231	8.21	2.05	0.640	0.433	0.880	0.174	1.61	0.4808	10
11	0.1208	0.0288	0.0848	0.253	8.05	1.84	0.587	0.370	0.812	0.237	1.88	0.4208	11
12	0.1308	0.0288	0.1018	0.285	7.19	1.69	0.539	0.325	0.733	0.382	1.36	0.4708	12
13	0.1428	0.0288	0.1118	0.385	6.15	1.55	0.486	0.315	0.665	0.378	1.04	0.4708	13
14	0.1308	0.0308	0.1208	0.405	5.33	1.70	0.453	0.288	0.586	0.369	1.24	0.4858	14
15	0.1338	0.0308	0.1188	0.490	4.84	1.82	0.724	0.342	0.612	0.343	0.748	0.4808	15
16	0.1428	0.0308	0.1158	0.650	4.82	1.55	1.09	1.08	0.483	0.311	0.7858	0.4208	16
17	0.1628	0.0308	0.1128	0.619	6.09	2.33	0.781	2.17	0.642	0.346	0.7808	0.3808	17
18	0.1478	0.0328	0.1108	0.787	6.12	2.06	0.848	1.83	0.642	0.483	0.7458	0.4008	18
19	0.1628	0.0348	0.1108	0.882	5.78	1.78	0.528	3.58	0.675	0.490	0.7108	0.4258	19
20	0.1858	0.0388	0.1188	1.33	5.88	1.80	0.435	3.36	0.669	0.478	0.6858	0.3908	20
21	0.1388	0.0388	0.1228	1.87	5.91	2.20	0.387	2.84	0.508	0.478	0.6708	0.3408	21
22	0.1208	0.0388	0.1218	2.05	5.87	2.15	0.341	2.41	0.421	0.472	0.6508	0.3808	22
23	0.1078	0.0418	0.1258	1.75	5.40	2.05	0.392	2.56	0.348	0.488	0.6908	0.3808	23
24	0.1178	0.0488	0.1308	1.70	6.08	1.77	0.276	2.23	0.328	0.478	0.7108	0.3808	24
25	0.1238	0.0458	0.1388	1.84	6.86	1.61	0.213	1.89	0.329	1.87	0.7008	0.4008	25
26	0.1288	0.0448	0.1248	1.85	6.57	1.46	0.188	1.80	0.288	1.45	0.6808	0.4108	26
27	0.1408	0.0458	0.1258	2.00	5.76	1.52	0.161	1.65	0.280	1.35	0.6608	0.3958	27
28	0.1508	0.0418	0.1278	2.13	5.86	1.83	0.132	1.29	0.264	1.15	0.6308	0.4158	28
29	0.1778		0.1288	2.50	5.74	1.80	0.131	1.13	0.264	0.908	0.6258	0.4208	29
30	0.3108		0.1288	3.32	6.24	1.99	0.128	1.02	0.281	0.888	0.6208	0.4208	30
31	0.1508		0.180		6.18		0.103	1.16		0.852		0.4258	31
TOTAL	4.229	1.013	3.163	28.495	197.93	70.55	18.958	43.250	24.798	18.687	29.179	14.081	TOTAL
MEAN	0.136	0.036	0.102	0.950	6.38	2.35	0.644	1.40	0.827	0.535	0.973	0.454	MEAN
MAX	0.310	0.080	0.180	3.32	8.21	5.80	1.98	3.58	2.18	1.87	1.77	0.810	MAX
MIN	0.102	0.028	0.041	0.106	4.28	1.46	0.103	0.082	0.281	0.148	0.620	0.340	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.24
MAXIMUM DAILY, 8.21 ON MAY 10
MINIMUM DAILY, 0.0268 ON FEB 4
MAXIMUM INSTANTANEOUS,
8.88 AT 02:08 PST ON MAY 11

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 53 04 N
LONG 120 57 54 W
DRAINAGE AREA, 490 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	385	JUL	1 720
FEB	87 B	AUG	3 740
MAR	273	SEP	2 140
APR	2 460	OCT	1 430
MAY	17 100	NOV	2 520
JUN	6 100	DEC	1 220

TOTAL DISCHARGE, 39 200 dam³

CRUICKSHANK RIVER NEAR THE MOUTH - STATION NO. 08NB074

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.20E	17.5	5.84	5.58	34.8A	40.7	28.1	10.3	4.40	2.88	10.0	10.2	1
2	6.60E	13.0	5.37	58.1	38.5	41.8	31.7	9.83	4.18	2.88	8.14	76.1	2
3	6.00E	10.7	4.94	8.33	34.5	41.2	30.8	8.14	3.97	2.83	16.3	88.6	3
4	10.8 E	9.44	4.78	8.72	37.3	37.8	25.8	7.37	3.83	2.54	22.8	124	4
5	9.58E	8.89	4.88	8.87	46.0	37.5	19.7	8.02	3.74	2.52	13.8	44.7	5
6	7.40E	7.85	5.58	28.5	49.6	33.8	16.4	6.85	3.58	2.63	10.9	29.7	6
7	6.80E	7.29	5.51	30.1	47.2	29.6	14.8	6.33	3.51	2.53	8.44	32.1	7
8	5.40E	6.84	5.58	30.8	43.4	28.7	13.4	6.12	3.43	2.84	26.0	34.3	8
9	5.41E	6.46	5.89	17.0	37.3	26.3	12.2	5.93	3.38	2.54	88.8	23.8	9
10	4.81E	6.06	7.43	16.0	30.8	24.0	11.8	5.73	3.31	2.58	48.4	18.0	10
11	4.95E	5.72	15.3	16.7	23.8	24.0	12.7	5.48	3.22	2.98	26.8	15.8	11
12	5.85E	5.40	20.2	21.6	20.8	23.6	12.1	5.10	3.06	4.15	18.8	13.8	12
13	7.13E	5.16	14.8	25.3	19.1	26.0	12.5	5.01	2.94	3.80	16.0	12.1	13
14	6.20E	4.88	11.4	32.4 A	18.4	28.2	11.8	5.08	2.87	3.42	13.6	10.8	14
15	5.62E	4.65	9.86	30.0 E	22.0	22.4	10.4	5.36	2.80	3.14	12.0	9.80	15
16	5.80E	4.82	8.83	26.0 E	24.8	18.8	11.8	5.27	2.78	2.88	10.8	9.01	16
17	5.26E	4.43	8.10	21.0 E	24.0	17.3	14.3	5.20	2.77	3.01	10.4	8.35	17
18	7.60E	4.50	7.87	21.8 E	19.3	16.8	14.2	5.18	2.74	6.14	11.2	7.84	18
19	7.80A	4.41	7.14	34.0 E	16.4	14.4	12.7	5.22	2.87	8.84	18.7	7.08	19
20	7.15	4.13	6.83	59.0 E	14.7	14.0	10.7	5.48	2.80	20.7	19.8	6.81	20
21	6.80	4.87	7.25	43.0 E	14.1	13.1	9.48	5.02	2.86	35.2	17.8	6.43	21
22	6.42	10.8	7.41	28.0 E	13.9	14.1	8.87	5.58	2.81	33.0	13.8	6.18	22
23	5.91	12.7	7.29	23.4 E	13.8	16.8	8.27	5.81	2.81	112	12.6	6.41	23
24	5.71	10.6	7.01	22.3 E	13.0	17.2	7.71	5.56	2.80	55.0	11.3	6.46	24
25	5.48	8.62	6.81	21.6 E	13.5	17.9	7.44	5.09	2.81	36.8	9.92	6.12	25
26	5.73	7.36	6.82	21.6 E	16.8	16.7	7.78	4.81	2.70	48.4	9.48	6.88	26
27	6.17	6.86	7.85	21.9 E	16.7	14.0	7.78	4.89	2.75	28.8	8.84	6.03	27
28	6.10	6.40	8.24	22.8 E	18.1	15.6	7.28	4.81	2.78	18.3	10.4	5.88	28
29	6.17		8.16	24.8 E	21.4	17.3	6.79	4.58	2.78	16.4	13.7	5.58	29
30	32.8		8.03	29.8 E	24.8	22.8	6.58	4.46	2.71	12.8	11.8	5.43	30
31	29.7		8.38		32.7		7.02	4.48		11.4		5.26	31
TOTAL	258.12	209.82	248.81	704.80	802.4	712.1	412.42	183.82	92.05	494.84	511.80	551.55	TOTAL
MEAN	8.33	7.50	8.03	23.5	25.9	23.7	13.3	5.93	3.07	16.0	17.1	21.0	MEAN
MAX	32.8	17.5	20.2	59.0	49.6	41.8	31.7	10.3	4.40	112	88.8	124	MAX
MIN	4.81	4.13	4.78	5.72	13.0	13.1	6.58	4.46	2.80	2.52	5.84	5.43	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.5
MAXIMUM DAILY, 124 ON DEC 4
MINIMUM DAILY, 2.80 ON SEP 24
MAXIMUM INSTANTANEOUS,
244 AT 01:24 PST ON DEC 4

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 34 48 N
LONG 126 12 03 W
DRAINAGE AREA, 214 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	22 200	JUL	35 600
FEB	18 100	AUG	15 800
MAR	21 800	SEP	7 950
APR	60 900	OCT	42 700
MAY	69 200	NOV	44 200
JUN	61 600	DEC	55 300

TOTAL DISCHARGE, 488 000 dam³

CUISSON CREEK (EAST FORK) ABOVE DAM - STATION NO. 08KE037

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	0.004	0.055	0.008	0.020	---	1
2	---	---	---	---	---	---	---	0.021	0.054	0.008	0.031	---	2
3	---	---	---	---	---	---	---	0.037	0.042	0.005	0.188	---	3
4	---	---	---	---	---	---	---	0.028	0.041	0.005	0.338	---	4
5	---	---	---	---	---	---	---	0.018	0.037	0.008	0.282	---	5
6	---	---	---	---	---	---	---	0.013	0.030	0.008	0.203	---	6
7	---	---	---	---	---	---	---	0.008	0.025	0.005	0.177	---	7
8	---	---	---	---	---	---	---	0.007	0.022	0.005	0.143	---	8
9	---	---	---	---	---	---	---	0.007	0.018	0.004	0.188	---	9
10	---	---	---	---	---	---	---	0.010	0.017	0.015	0.184	---	10
11	---	---	---	---	---	---	---	0.010	0.015	0.018	0.144	---	11
12	---	---	---	---	---	---	---	0.008	0.013	0.018	0.118	---	12
13	---	---	---	---	---	---	---	0.008	0.011	0.012	0.101	---	13
14	---	---	---	---	---	---	---	0.010	0.011	0.014	0.088	---	14
15	---	---	---	---	---	---	---	0.023	0.010	0.014	0.090	---	15
16	---	---	---	---	---	---	---	0.031	0.009	0.012	0.074	---	16
17	---	---	---	---	---	---	---	0.023	0.008	0.012	0.074	---	17
18	---	---	---	---	---	---	---	0.028	0.008	0.012	0.118	---	18
19	---	---	---	---	---	---	---	0.038	0.017	0.014	0.148	---	19
20	---	---	---	---	---	---	---	0.028	0.018	0.012	0.137	---	20
21	---	---	---	---	---	---	---	0.074	0.018	0.012	0.113	---	21
22	---	---	---	---	---	---	---	0.210	0.014	0.013	0.097	---	22
23	---	---	---	---	---	---	---	0.303	0.012	0.012	0.090	---	23
24	---	---	---	---	---	---	---	0.263	0.010	0.028	---	---	24
25	---	---	---	---	---	---	---	0.144	0.009	0.031	---	---	25
26	---	---	---	---	---	---	---	0.104	0.008	0.030	---	---	26
27	---	---	---	---	---	---	---	0.080	0.008	0.030	---	---	27
28	---	---	---	---	---	---	---	0.064	0.007	0.028	---	---	28
29	---		---	---	---	---	---	0.052	0.007	0.022	---	---	29
30	---		---	---	---	---	---	0.045	0.008	0.023	---	---	30
31	---		---		---		---	0.038		0.021		---	31
TOTAL	---	---	---	---	---	---	---	1.548	0.562	0.441	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	0.053	0.019	0.014	---	---	MEAN
MAX	---	---	---	---	---	---	---	0.303	0.055	0.031	---	---	MAX
MIN	---	---	---	---	---	---	---	0.004	0.008	0.004	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 34 52 N
LONG 122 18 08 W
DRAINAGE AREA, 7.80 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	142
MAR	---	SEP	46.8
APR	---	OCT	36.1
MAY	---	NOV	---
JUN	---	DEC	---

DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

NATURAL FLOW

CUSHEON CREEK AT OUTLET OF CUSHEON LAKE - STATION NO. 08MA026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.827	0.186	0.444	0.189	0.038	0.013	0.001	0	0	0	0	0.001	1
2	0.823	0.143	0.384	0.183	0.038	0.013	0.001	0	0	0	0.001	0.001	2
3	0.801	0.135	0.336	0.186	0.033	0.012	0.001	0	0	0	0.001	0.003	3
4	0.842	0.117	0.286	0.161	0.032	0.012	0.001	0	0	0	0.001	0.007	4
5	0.823	0.106	0.330E	0.198	0.030	0.012	0.001	0	0	0	0.001	0.008	5
6	0.417	0.087	0.263	0.208	0.034	0.012	0.001	0	0	0	0.001	0.012	6
7	0.388	0.083	0.417	0.235	0.031	0.008	0.001	0	0	0	0.001	0.018	7
8	0.328	0.088	0.441	0.235	0.029	0.007	0.001	0	0	0	0.001	0.043	8
9	0.288	0.084	0.437	0.212	0.028	0.007	0.001	0	0	0	0.001	0.053	9
10	0.268	0.083	0.497	0.203	0.028	0.006	0.001	0	0E	0	0.001	0.078	10
11	0.242	0.078	0.523	0.176	0.027	0.006	0.001	0	0	0	0.001	0.085	11
12	0.218	0.078	0.512	0.175	0.020	0.004	0.001	0	0	0	0.001	0.080	12
13	0.274	0.073	0.490	0.148	0.018	0.003	0.001	0	0	0	0.001	0.088	13
14	0.283	0.071	0.441	0.132	0.018	0.003	0.001	0	0	0 E	0.001	0.085	14
15	0.368	0.070	0.378	0.121	0.017	0.003	0.001	0	0	0	0.001	0.081E	15
16	0.388	0.070	0.340	0.110	0.018	0.002	0.001	0	0	0	0.001	0.077	16
17	0.378	0.065E	0.324	0.095	0.018	0.002	0.001	0	0	0	0.001	0.073	17
18	0.488	0.085	0.324	0.088	0.018	0.002	0.001	0	0	0.001	0.001	0.088	18
19	0.488	0.103	0.313	0.083	0.014	0.001	0.001	0	0	0.001	0.001	0.084	19
20	0.488	0.111	0.288	0.078	0.013	0.001	0.001	0	0	0.001E	0.002	0.080	20
21	0.437	0.118	0.267	0.073	0.012	0.001	0.001	0	0	0.001	0.002	0.080	21
22	0.378	0.214	0.262	0.070	0.012	0.001	0.001	0.001	0	0.001	0.001	0.068	22
23	0.333	0.434	0.262	0.084	0.012	0.001	0.001	0.001	0	0.001	0.001	0.064	23
24	0.288	0.672	0.238	0.082	0.013	0.001	0.001	0.001	0	0.001	0.001	0.064	24
25	0.264	0.744	0.231	0.088	0.013	0.001	0.001	0.001	0	0.001	0.001	0.062	25
26	0.232	0.658	0.234	0.083	0.013	0.001	0	0	0	0.001	0.002	0.060	26
27	0.203	0.605	0.222	0.081	0.013	0.001	0	0	0	0.001	0.001	0.049	27
28	0.177	0.519	0.216	0.067	0.014	0.001	0	0	0	0.001	0.001	0.052	28
29	0.163		0.208	0.063	0.014	0.001	0	0	0	0	0.001	0.051	29
30	0.151		0.190	0.061	0.014	0.001	0	0	0	0	0.001	0.050	30
31	0.164		0.177		0.013		0	0		0		0.058	31
TOTAL	10.935	5.887	10.381	3.889	0.637	0.137	0.035	0.004	0	0.011	0.032	1.579	TOTAL
MEAN	0.382	0.210	0.335	0.123	0.021	0.005	0.001	0	0	0	0.001	0.051	MEAN
MAX	0.827	0.744	0.523	0.235	0.038	0.013	0.001	0.001	0	0.001	0.002	0.080	MAX
MIN	0.151	0.070	0.177	0.061	0.012	0.001	0	0	0	0	0	0.001	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.081
MAXIMUM DAILY, 0.744 ON FEB 25
MINIMUM DAILY, 0 ON JUL 30

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 48 42 N
LONG 123 27 18 W

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	846	JUL	2.16
FEB	508	AUG	0.35
MAR	897	SEP	0
APR	320	OCT	0.95
MAY	55.0	NOV	2.78
JUN	11.8	DEC	136

TOTAL DISCHARGE, 2 880 dam³

CUSHEON LAKE NEAR GANGES - STATION NO. 08HA038

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.252	1.088	1.215E	1.086	0.858	0.890	0.777	0.688	0.555	0.483	0.458	0.578	1
2	1.248	1.088E	1.210E	1.088	0.845	0.887	0.778	0.649	0.555	0.480	0.458	0.577	2
3	1.241	1.081E	1.205E	1.048	0.845	0.883	0.778	0.648	0.550	0.487	0.457	0.600	3
4	1.227	1.047E	1.200E	1.047	0.840	0.878	0.775	0.645	0.545	0.453	0.472	0.574	4
5	1.204	1.043E	1.195E	1.070	0.838	0.878	0.791	0.640	0.543	0.468	0.471	0.743	5
6	1.183	1.038E	1.190E	1.078	0.844	0.870	0.788	0.637	0.540	0.487	0.471	0.805	6
7	1.183	1.038E	1.185E	1.087	0.840	0.868	0.780	0.633	0.535	0.454	0.488	0.850	7
8	1.140	1.031E	1.181	1.088	0.838	0.861	0.788	0.628	0.532	0.484	0.488	0.903	8
9	1.131	1.027E	1.180	1.085	0.833	0.856	0.749	0.621	0.528	0.480	0.488	0.954	9
10	1.118	1.023E	1.207	1.077	0.826	0.839	0.747	0.618	0.524	0.468	0.486	0.976	10
11	1.088	1.018E	1.218	1.086	0.820	0.838	0.744	0.616	0.520	0.464	0.487	0.994	11
12	1.080	1.014E	1.217	1.088	0.818	0.836	0.738	0.608	0.518	0.461	0.488	1.007	12
13	1.108	1.010E	1.208	1.080	0.806	0.831	0.736	0.601	0.514	0.454	0.459	1.008	13
14	1.118	1.008	1.189	1.040	0.803	0.833	0.731	0.597	0.511	0.448	0.502	1.008	14
15	1.148	1.008	1.148	1.038	0.801	0.838	0.726	0.598	0.508	0.444	0.488	0.988	15
16	1.154	1.000	1.140	1.032	0.807	0.823	0.720	0.598	0.503	0.442	0.501	0.951	16
17	1.180	1.001	1.137	1.037	0.803	0.818	0.720	0.594	0.497	0.438	0.507	0.941	17
18	1.183	1.035	1.128	1.022	0.488	0.817	0.718	0.567	0.494	0.447	0.508	0.878	18
19	1.188	1.033	1.123	1.018	0.880	0.816	0.718	0.584	0.488	0.447	0.508	0.857	19
20	1.197	1.038	1.118	1.018	0.888	0.810	0.713	0.581	0.487	0.447	0.521	0.855	20
21	1.182	1.038	1.110	1.008	0.885	0.808	0.707	0.584	0.486	0.451	0.537	0.888	21
22	1.182	1.088	1.099	1.008	0.883	0.802	0.700	0.593	0.481	0.457	0.537	0.862	22
23	1.140	1.142	1.088	1.000	0.881	0.787	0.688	0.584	0.478	0.481	0.541	0.888	23
24	1.120	1.141	1.080	0.893	0.887	0.782	0.880	0.584	0.478	0.484	0.547	0.887	24
25	1.101	1.207	1.081	0.888	0.888	0.788	0.888	0.578	0.474	0.484	0.883	0.882	25
26	1.088	1.277E	1.078	0.880	0.887	0.788	0.880	0.578	0.477	0.484E	0.888	0.880E	26
27	1.080	1.288	1.074	0.877	0.888	0.778	0.878	0.576E	0.474	0.484	0.887	0.947	27
28	1.083	1.220	1.076	0.888	0.898	0.778	0.870	0.572	0.471	0.481	0.571	0.881	26
29	1.083		1.072	0.886	0.885	0.778	0.884	0.588	0.488	0.488	0.572	0.948	29
30	1.048		1.088	0.880	0.883	0.778	0.888	0.888	0.487	0.488	0.578	0.948	30
31	1.083E		1.080		0.880		0.887	0.881		0.488		0.949	31
MEAN	1.142	1.071	1.145	1.030	0.809	0.828	0.723	0.603	0.507	0.484	0.510	0.805	MEAN
MAX	1.252	1.287	1.218	1.088	0.858	0.880	0.778	0.888	0.555	0.484	0.578	1.008	MAX
MIN	1.048	1.000	1.080	0.880	0.881	0.778	0.887	0.881	0.487	0.438	0.457	0.578	MIN

WATER LEVELS IN METRES

MEAN, 0.818
MAXIMUM DAILY, 1.287 ON FEB 25
MINIMUM DAILY, 0.438 ON OCT 17

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 48 52 N
LONG 123 28 00 W

E - ESTIMATED
NATURAL FLOW

DAWSON CREEK ABOVE SOUTH DAWSON CREEK - STATION NO. 07FD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	0.028	0.001	0.001	0.030	---	---	1
2	---	---	---	---	---	---	0.021	0	0.001	0.022	---	---	2
3	---	---	---	---	---	---	0.003	0	0.001	0.007	---	---	3
4	---	---	---	---	---	---	0.001	0.001	0.001	0.006	---	---	4
5	---	---	---	---	---	---	0.001	0.001	0.001	0.003	---	---	5
6	---	---	---	---	---	---	0.001	0.001	0.001	0.003	---	---	6
7	---	---	---	---	---	---	0.001	0.001	0.001	0.001	---	---	7
8	---	---	---	---	---	---	0.001	0.001	0.001	0.001	---	---	8
9	---	---	---	---	---	---	0.001	0.001	0.001	0.001	---	---	9
10	---	---	---	---	---	---	0	0	0.001	0.001	---	---	10
11	---	---	---	---	---	---	0	0	0.001	0.001	---	---	11
12	---	---	---	---	0.001A	---	0	0	0.001	0.001	---	---	12
13	---	---	---	---	---	0.001A	0	0	0.001	0.001	---	---	13
14	---	---	---	---	---	0.001E	0	0.001	0.001	0.001	---	---	14
15	---	---	---	---	---	0.001A	0	0	0.001	0.001	---	---	15
16	---	---	---	---	---	0.001	0	0.001	0.004	0.001	---	---	16
17	---	---	---	---	---	0.001	0	0.138	0.013	0 A	---	---	17
18	---	---	---	---	---	0.001	0	0.034	0.007	---	---	---	18
19	---	---	---	---	---	0.001	0	0.002	0.003	---	---	---	19
20	---	---	---	---	---	0.001	0	0.001	0.001	---	---	---	20
21	---	---	---	---	---	0.001	0	0.001	0.001	---	---	---	21
22	---	---	---	---	---	0.001	0	0.007	0.001	---	---	---	22
23	---	---	---	---	---	0.001	0	0.036	0.001	---	---	---	23
24	---	---	---	---	---	0.001	0.001	0.021	0.001	---	---	---	24
25	---	---	---	---	---	0.001	0.001	0.006	0.001	---	---	---	25
26	---	---	---	---	---	0.006	0.001	0.002	0.001	---	---	---	26
27	---	---	---	---	---	0.022	0.020	0.001	0.001	---	---	---	27
28	---	---	---	---	---	0.011	0.003	0.001	0.001	---	---	---	28
29	---		---	---	0.025A	0.004	0.001	0.001	0.013	---	---	---	29
30	---		---	---	---	0.003	0.001	0.001	0.008	---	---	---	30
31	---		---		---		0.001	0.001		---	---	---	31
TOTAL	---	---	---	---	---	---	0.088	0.351	0.133	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	0.003	0.008	0.004	---	---	---	MEAN
MAX	---	---	---	---	---	---	0.028	0.138	0.008	---	---	---	MAX
MIN	---	---	---	---	---	---	0	0	0.001	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.138 ON AUG 17

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 48 43 N
LONG 120 15 00 W
DRAINAGE AREA, 116 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	7.80
FEB	---	AUG	21.7
MAR	---	SEP	11.8
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

DEADMAN RIVER ABOVE CRISS CREEK - STATION NO. 08LF027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2388	0.1288	0.1788	0.288	0.874	4.12	1.10	0.884	1.11	0.838	0.680	0.510	1
2	0.2308	0.1308	0.1688	0.278	1.06	3.77	1.06	1.07	1.07	0.828	0.844	0.530	2
3	0.2408	0.1378	0.1728	0.288	1.08	3.48	1.06	1.03	1.05	0.828	0.844	0.530	3
4	0.2478	0.1448	0.1828	0.283	1.28	3.19	1.07	0.987	1.03	0.826	0.838	0.525	4
5	0.2388	0.1498	0.2008	0.286	1.26	2.86	1.06	0.828	1.02	0.826	0.832	0.520	5
6	0.2308	0.1528	0.2088	0.310	1.27	2.62	1.03	0.788	1.01	0.826	0.832	0.530	6
7	0.2208	0.1578	0.2068	0.303	1.24	2.38	1.03	0.838	1.03	0.826	0.832	0.520	7
8	0.2158	0.1808	0.2068	0.320	1.54	2.26	1.01	0.862	0.987	0.836	0.820	0.520	8
9	0.2158	0.1878	0.2108	0.347	1.56	2.17	1.03	0.844	0.987	0.836	0.820	0.525	9
10	0.2208	0.1728	0.2188	0.388	1.86	1.77	1.01	0.862	0.987	0.870	0.802	0.530	10
11	0.2328	0.1768	0.2128	0.388	1.88	1.53	1.01	0.844	0.862	0.862	0.880	0.5108	11
12	0.2428	0.1788	0.2108	0.404	1.78	1.48	0.988	0.844	0.870	0.845	0.878	0.480	12
13	0.2448	0.1888	0.2148	0.427	1.88	1.46	0.868	0.838	0.862	0.862	0.854	0.490	13
14	0.2388	0.1888	0.2148	0.436	1.88	1.46	0.871	0.820	0.862	0.802	0.842	0.808	14
15	0.2288	0.2008	0.214	0.471	1.80	1.58	0.971	0.844	0.971	0.880	0.830	0.810	15
16	0.2388	0.2028	0.214	0.503	2.18	1.44	1.08	1.01	0.987	0.820	0.820	0.820	16
17	0.2318	0.1848	0.214	0.488	2.24	1.42	1.03	0.828	1.08	0.788	0.820	0.810	17
18	0.2278	0.1808	0.220	0.488	2.43	1.34	0.987	0.894	1.03	0.780	0.830	0.810	18
19	0.2188	0.2008	0.220	0.503	2.81	1.20	0.862	0.811	1.01	0.788	0.828	0.810	19
20	0.2178	0.2148	0.227	0.528	3.06	1.38	0.828	0.828	1.01	0.748	0.838	0.830	20
21	0.2348	0.2178	0.227	0.881	3.81	1.31	0.902	0.848	0.898	0.748	0.525	0.825	21
22	0.2108	0.2208	0.230	0.880	3.83	1.27	0.885	0.837	0.898	0.731	0.490	0.5108	22
23	0.1888	0.2308	0.237	0.831	4.32	1.21	0.877	0.870	0.867	0.710	0.520	0.5108	23
24	0.1818	0.2328	0.248	0.878	5.01	1.18	0.877	1.01	0.870	0.710	0.830	0.530	24
25	0.2068	0.2208	0.253	0.720	5.18	1.17	0.880	0.987	0.970	0.892	0.490	0.830	25
26	0.2208	0.2108	0.2528	0.740	5.35	1.18	0.880	0.870	0.862	0.880	0.808	0.825	26
27	0.2278	0.2088	0.2608	0.805	5.64	1.21	0.844	0.853	0.845	0.862	0.530	0.825	27
28	0.2328	0.2128	0.2808	0.887	5.48	1.10	0.852	0.845	0.845	0.850	0.520	0.825	28
29	0.2408		0.2608	0.835	5.35	1.12	0.877	0.862	0.845	0.850	0.510	0.820	29
30	0.2788		0.260	0.850	4.75	1.10	0.844	0.887	0.836	0.858	0.480	0.830	30
31	0.3228		0.263		4.46		0.902	1.12		0.850		0.820	31
TOTAL	7.148	5.177	5.835	16.178	87.884	54.88	28.883	28.734	28.877	25.411	18.833	18.045	TOTAL
MEAN	0.231	0.185	0.220	0.508	2.83	1.83	0.868	0.927	0.896	0.820	0.881	0.818	MEAN
MAX	0.322	0.232	0.280	0.850	5.64	4.12	1.10	1.12	1.11	0.870	0.880	0.830	MAX
MIN	0.181	0.128	0.188	0.288	0.874	1.10	0.844	0.788	0.836	0.880	0.480	0.480	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.887
MAXIMUM DAILY, 5.84 ON MAY 27
MINIMUM DAILY, 0.1288 ON FEB 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 60 53 03 N
LONG 130 58 28 W
DRAINAGE AREA, 802 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	617	JUL 2	580
FEB	447	AUG 3	480
MAR	580	SEP 3	560
APR 1	310	OCT 3	200
MAY 7	580	NOV 1	480
JUN 4	740	DEC 1	390

TOTAL DISCHARGE, 28 000 dam³

DEAN RIVER ABOVE TOWDYSTAN LAKE - STATION NO. 08FC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.317	0.484	0.284	0.484	0.283	0.181	---	---	1
2	---	---	---	---	0.381	0.411	0.213	0.388	0.284	0.181	---	---	2
3	---	---	---	---	0.300	0.388	0.182	0.200	0.284	0.181	---	---	3
4	---	---	---	---	0.300	0.343	0.171	0.254	0.227	0.181	---	---	4
5	---	---	---	---	0.361	0.280	0.200	0.220	0.220	0.181	---	---	5
6	---	---	---	---	0.481	0.284	0.241	0.207	0.220	0.188	---	---	6
7	---	---	---	---	0.438	0.284	0.207	0.178	0.220	0.171	---	---	7
8	---	---	---	---	0.438	0.213	0.208	0.161	0.220	0.181	---	---	8
9	---	---	---	---	0.438	0.241	0.312	0.138	0.207	0.188	---	---	9
10	---	---	---	---	0.488	0.227	0.488	0.138	0.188	0.181	---	---	10
11	---	---	---	---	0.881	0.247	1.18	0.188	0.188	0.181	---	---	11
12	---	---	---	---	0.881	0.220	1.80	0.161	0.188	0.181	---	---	12
13	---	---	---	---	0.881	0.188	1.03	0.161	0.177	0.181	---	---	13
14	---	---	---	---	0.488	0.188	1.48	0.171	0.161	0.181	---	---	14
15	---	---	---	---	0.481	0.181	1.20	0.188	0.181	0.181	---	---	15
16	---	---	---	---	---	0.472	0.138	0.872	0.224	0.181	0.188	---	---	16
17	---	---	---	---	0.472	0.138	0.872	0.224	0.181	0.188	---	---	17
18	---	---	---	1.07	0.421	0.138	0.888	0.213	0.188	0.188	---	---	18
19	---	---	---	1.10	0.784	0.138	0.648	0.238	0.171	0.200	---	---	19
20	---	---	---	1.08	0.908	0.118	0.478	0.312	0.188	0.200	---	---	20
21	---	---	---	0.818	0.770	0.114	0.411	0.278	0.188	0.230	---	---	21
22	---	---	---	0.838	0.852	0.102	0.411	0.319	0.188	0.241	---	---	22
23	---	---	---	0.888	0.888	0.188	0.411	0.484	0.181	0.284	---	---	23
24	---	---	---	0.878	0.888	0.207	0.388	0.488	0.188	0.247	---	---	24
25	---	---	---	0.872	0.888	0.188	0.388	0.484	0.188	0.284	---	---	25
26	---	---	---	0.888	0.718	0.188	0.227	0.437	0.181	0.284	---	---	26
27	---	---	---	0.805	0.888	0.181	0.284	0.411	0.181	0.284	---	---	27
28	---	---	---	0.807	0.888	0.180	0.188	0.411	0.177	0.284	---	---	28
29	---	---	---	0.438	0.888	0.138	0.188	0.388	0.177	0.284	---	---	29
30	---	---	---	0.418	0.848	0.138	0.200	0.351	0.181	0.230	---	---	30
31	---	---	---	0.388	0.888	0.280	0.280	0.327	0.181	0.181	---	---	31
TOTAL	---	---	---	---	0.498		0.484	0.200		---	---	---	TOTAL
MEAN	---	---	---	---	17.148	8.488	12.288	8.881	8.787	---	---	---	MEAN
MAX	---	---	---	---	0.883	0.318	0.828	0.288	0.183	---	---	---	MAX
MIN	---	---	---	---	0.888	0.484	1.80	0.488	0.283	---	---	---	MIN
				---	0.317	0.102	0.171	0.138	0.181	---	---	---	

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.80 ON JUL 12

DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 62 18 37 N
LONG 128 08 08 W
DRAINAGE AREA, 318 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL 1	410
FEB	---	AUG	788
MAR	---	SEP	800
APR	---	OCT	---
MAY 1	480	NOV	---
JUN	858	DEC	---

DEAN RIVER BELOW TANSWANKET CREEK - STATION NO. 08FC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.80 B	2.80 B	2.44 B	3.25 B	47.4	65.4	19.7	18.6	9.11	4.32	5.33	6.30 B	1
2	3.57 B	2.70 B	2.35 B	3.35 B	51.9	72.5	21.9	17.6	8.71	4.37	5.47	5.80 B	2
3	3.54 B	2.65 B	2.33 B	3.42 B	55.7	72.1	20.3	17.5	8.43	4.36	5.60	8.00 B	3
4	3.35 B	2.63 B	2.32 B	3.50 B	59.4	68.6	19.9	16.3	8.10	4.35	5.58	7.70 B	4
5	3.12 B	2.62 B	2.34 B	3.55 B	64.2	67.0	20.6	14.7	7.88	4.53	5.50	7.20 B	5
6	3.05 B	2.61 B	2.36 B	3.60 B	65.7	65.4	22.5	13.6	7.50	4.70	6.03	7.00 B	6
7	2.88 B	2.63 B	2.42 B	4.00 B	67.5	55.3	23.0	12.4	7.41	4.66	6.93	6.85 B	7
8	2.75 B	2.68 B	2.48 B	4.30 B	69.1	50.4	28.0	11.8	7.10	4.56	6.85	6.85 B	8
9	2.72 B	2.70 B	2.50 B	4.60 B	71.3	44.9	45.8	11.1	6.82	4.38	7.96	6.50 B	9
10	2.70 B	2.74 B	2.50 B	5.30 B	71.8	39.5	46.4	10.2	6.51	4.48	19.1	6.40 B	10
11	2.80 B	2.75 B	2.49 B	7.00 B	69.5	37.1	50.3	9.80	6.19	4.72	19.6	6.35 B	11
12	2.97 B	2.74 B	2.46 B	9.00 B	61.8	37.0	51.0	9.47	5.74	4.84	13.5 B	6.25 B	12
13	3.07 B	2.71 B	2.47 B	11.0 B	53.1	35.0	48.5	9.15	5.64	5.12	12.5 B	6.15 B	13
14	3.04 B	2.65 B	2.46 B	13.0 B	48.0	33.9	47.0	9.21	5.50	5.02	11.2 B	6.00 B	14
15	2.98 B	2.60 B	2.45 B	13.5 B	46.0	30.6	43.2	9.95	5.26	4.82	10.6 B	5.90 B	15
16	2.92 B	2.60 B	2.43 B	13.2 B	46.9	26.7	38.5	11.7	5.20	4.72	10.6	5.70 B	16
17	3.07 B	2.60 B	2.40 B	17.0 B	47.5	23.6	37.5	12.3	5.14	4.67	10.6	5.80 B	17
18	3.00 B	2.61 B	2.40 B	19.7	46.2	21.3	36.2	12.0	5.24	5.52	11.3	5.40 B	18
19	2.90 B	2.64 B	2.42 B	21.1	46.8	19.1	33.9	12.0	5.16	6.83	12.4	5.20 B	19
20	2.88 B	2.69 B	2.43 B	24.5	46.4	17.5	31.3	12.0	5.12	7.36	13.5 B	4.90 B	20
21	2.85 B	2.75 B	2.43 B	27.5	42.6	16.5	29.9	12.4	5.00	7.04	10.5 B	5.00 B	21
22	2.80 B	2.76 B	2.42 B	27.7	40.2	16.4	28.2	13.1	4.99	6.82	8.00 B	5.40 B	22
23	2.79 B	2.73 B	2.41 B	28.6	38.4	15.9	28.2	13.9	4.75	6.47	7.30 B	5.60 B	23
24	2.78 B	2.62 B	2.41 B	29.1	38.6	15.6	31.3	13.7	4.66	6.24	7.20 B	5.70 B	24
25	2.80 B	2.50 B	2.43 B	30.3	39.5	15.8	30.1	13.0	4.61	6.26	7.00 B	5.60 B	25
26	2.85 B	2.49 B	2.47 B	31.6	40.3	15.5	26.6	12.3	4.56	5.94	6.80 B	5.30 B	26
27	2.82 B	2.50 B	2.53 B	32.7	42.3	17.2	25.1	11.7	4.46	5.81	6.70 B	5.45 B	27
28	3.03 B	2.50 B	2.54 B	32.8	43.0	15.3	24.6	11.3	4.28	5.59	6.60 B	5.30 B	28
29	3.20 B		2.76 B	35.8	43.5	15.0	22.5	10.9	4.29	5.36	6.30 B	5.10 B	29
30	3.40 B		2.90 B	41.2	47.0	16.0	21.0	10.3	4.41	5.77	6.20 B	5.00 B	30
31	3.30 B		3.10 B		56.5		20.4	9.5		5.62		5.00 B	31
TOTAL	93.61	74.32	77.01	505.17	1 613.5	1 064.2	975.9	383.76	177.78	165.75	280.15	181.60	TOTAL
MEAN	3.02	2.65	2.48	16.8	52.0	35.5	31.5	12.4	5.93	5.35	9.34	5.86	MEAN
MAX	3.80	2.80	3.10	41.2	71.8	72.5	51.0	18.6	9.11	7.36	19.6	8.00	MAX
MIN	2.70	2.49	2.32	3.25	38.4	15.0	19.7	9.15	4.28	4.32	5.33	4.90	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.4
MAXIMUM DAILY, 72.5 ON JUN 2
MINIMUM DAILY, 2.32B ON MAR 4
MAXIMUM INSTANTANEOUS,
73.2 AT 00:42 PST ON JUN 2

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 53 23 N
LONG 125 46 17 W
DRAINAGE AREA, 3 720 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 090	JUL	84 300
FEB	6 420	AUG	33 200
MAR	6 650	SEP	15 400
APR	43 600	OCT	14 300
MAY	139 000	NOV	24 200
JUN	91 900	DEC	15 700

TOTAL DISCHARGE, 484 000 dam³

DEASE LAKE NEAR TELEGRAPH CREEK - STATION NO. 10AC001

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.488	0.488	0.423	0.372	0.462	1.207	0.882	0.773	0.663	0.592	0.543	0.513	1
2	0.489	0.480	0.418	0.372	0.474	1.213	0.879	0.766	0.660	0.592	0.542	0.514	2
3	0.487	0.471	0.423	0.364	0.511	1.209	0.873	0.761	0.658	0.591	0.547	0.510	3
4	0.490	0.465	0.424	0.361	0.574	1.193	0.864	0.755	0.657	0.586	0.547	0.512	4
5	0.488	0.464	0.414	0.367	0.655	1.191	0.867	0.751	0.656	0.586	0.551	0.512	5
6	0.485	0.480	0.415	0.360	0.749	1.181	0.858	0.743	0.653	0.582	0.546	0.510	6
7	0.485	0.461	0.410	0.364	0.862	1.165	0.854	0.740	0.649	0.580	0.544	0.506	7
8	0.483	0.464	0.415	0.367	0.972	1.150	0.846	0.729	0.648	0.574	0.547	0.503	8
9	0.485	0.460	0.415	0.361	1.068	1.133	0.841	0.725	0.644	0.573	0.543	0.505	9
10	0.479	0.456	0.412	0.361	1.128	1.112	0.838	0.722	0.640	0.576	0.541	0.507	10
11	0.484	0.455	0.407	0.370	1.187	1.088	0.835	0.719	0.637	0.572	0.540	0.518	11
12	0.490	0.445	0.401	0.363	1.189	1.081A	0.830	0.716	0.635	0.570	0.535	0.521	12
13	0.488	0.443	0.401	0.364	1.180	1.067A	0.818	0.712	0.635	0.571	0.535	0.519	13
14	0.477	0.448	0.400	0.360	1.175	1.065E	0.814	0.708	0.632	0.570	0.532	0.522	14
15	0.476	0.450	0.402	0.362	1.179	1.050E	0.811	0.704	0.633	0.571	0.532	0.519	15
16	0.478	0.445	0.385	0.360	1.188	1.040E	0.807	0.704	0.629	0.568	0.533	0.515	16
17	0.478	0.443	0.368	0.358	1.189	1.022A	0.805	0.701	0.626	0.569	0.531	0.517	17
18	0.482	0.441	0.389	0.348	1.200	1.008E	0.802	0.698	0.621	0.564	0.530	0.515	18
19	0.483	0.442	0.384	0.360	1.194	0.998A	0.800	0.695	0.619	0.564	0.529	0.521	19
20	0.488	0.432	0.381	0.367	1.184	0.992	0.800	0.692	0.618	0.568	0.527	0.519	20
21	0.488	0.428	0.385	0.366	1.174	0.981	0.795	0.691	0.615	0.564	0.526	0.521	21
22	0.484	0.432	0.386	0.364	1.172	0.971	0.788	0.686	0.613	0.565	0.526	0.520	22
23	0.486	0.437	0.381	0.348	1.170	0.960	0.784	0.683	0.610	0.566	0.527	0.517	23
24	0.476	0.431	0.384	0.361	1.169	0.952	0.785	0.681	0.609	0.564	0.526	0.523	24
25	0.476	0.429	0.380	0.364	1.162	0.939	0.784	0.676	0.606	0.564	0.523	0.522	25
26	0.484	0.422	0.378	0.371	1.161	0.931	0.782	0.676	0.604	0.560	0.520	0.522	26
27	0.482	0.415	0.377	0.376	1.160	0.928	0.781	0.675	0.602	0.558	0.522	0.520	27
28	0.478	0.421	0.381	0.368	1.162	0.920	0.786	0.672	0.600	0.556	0.522	0.518	28
29	0.474		0.378	0.403	1.164	0.910	0.787	0.670	0.598	0.557	0.517	0.520	29
30	0.471		0.377	0.420	1.174	0.901	0.781	0.667	0.595	0.556	0.514	0.515	30
31	0.461		0.367		1.186		0.776	0.665		0.552		0.519	31
MEAN	0.483	0.446	0.397	0.365	1.027	1.063	0.820	0.708	0.628	0.571	0.533	0.518	MEAN
MAX	0.490	0.488	0.424	0.420	1.200	1.213	0.882	0.773	0.663	0.592	0.551	0.523	MAX
MIN	0.461	0.415	0.367	0.348	0.462	0.901	0.776	0.665	0.595	0.552	0.514	0.503	MIN

WATER LEVELS IN METRES

MEAN, 0.631
MAXIMUM DAILY, 1.213 ON JUN 2
MINIMUM DAILY, 0.348 ON APR 18
MAXIMUM INSTANTANEOUS,
1.215 AT 09:01 PST ON JUN 2

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 27 35 N
LONG 130 02 12 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

DEASE RIVER AT MCDAME - STATION NO. 10AC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	27.0B	24.3B	23.1B	22.4B	98.0B	510E	153	118	52.9	84.3	48.7	43.5B	1
2	26.0B	23.8B	22.8B	23.1B	123 B	460E	150	111	51.3	80.7	50.9	43.0B	2
3	25.0B	23.8B	22.5B	23.6B	160 E	440E	150	103	50.4	80.0	51.0	43.0B	3
4	24.0B	23.6B	22.0B	24.1B	195 E	480E	148	98.1	53.1	77.0	54.2	42.5B	4
5	23.0B	23.6B	21.3B	24.4B	230 E	515E	136	95.2	53.8	78.0	54.4	42.0B	5
6	23.5B	23.7B	20.6B	24.7B	280 E	476A	141	98.0	51.9	73.8	51.9	41.0B	6
7	24.0B	23.8B	20.0B	24.9B	315 E	424	147	100	50.4	72.3	48.6	40.5B	7
8	24.5B	23.7B	19.0B	25.1B	335 E	381	138	95.2	48.1	73.0	46.0B	40.0B	8
9	25.0B	23.8B	18.5B	25.2B	330 E	360	133	95.1	48.1	72.8	45.0B	39.0B	9
10	25.5B	24.0B	18.5B	25.3B	300 E	355	135	93.8	46.3	78.5	44.0B	38.0B	10
11	26.0B	24.1B	19.5B	25.8B	270 E	344	137	88.8	44.8	78.7	43.5B	37.0B	11
12	26.5B	23.5B	20.5B	25.6B	265 E	338	130	85.6	43.5	74.6	43.0B	36.7B	12
13	27.0B	23.0B	22.0B	26.0B	245 E	339	128	82.5	42.5	71.3	43.5B	37.0B	13
14	27.0B	22.5B	22.0B	26.1B	280 E	334	125	78.4	41.6	66.1	43.5B	37.5B	14
15	27.0B	21.8B	22.4B	26.5B	290 E	348	121	76.4	41.4	62.3	44.0B	37.5B	15
16	26.5B	21.2B	21.8B	26.7B	281 E	281	110	78.1	42.3	57.8	44.5B	36.1B	16
17	26.0B	21.2B	21.0B	26.8B	273 E	248	102	75.8	41.8	56.9	46.0B	36.3B	17
18	25.5B	21.5B	21.0B	26.9B	266 E	222	99.3	73.0	41.0	60.3	45.5B	36.5B	18
19	25.0B	21.8B	21.4B	27.0B	258 E	208	102	69.6	42.8	58.2	45.5B	37.0B	19
20	24.5B	22.4B	21.8B	27.0B	261 E	208	118	68.8	48.7	57.6	46.0B	36.0B	20
21	24.0B	22.8B	21.5B	27.5B	271 E	207	122	70.2	64.3	58.7	46.0B	35.0B	21
22	24.5B	23.1B	21.3B	28.1B	281 E	188	145	70.8	68.0	54.5	46.0B	34.0B	22
23	25.5B	23.3B	21.1B	29.0B	306 E	185	211	68.4	63.8	53.4	46.0B	35.0B	23
24	26.5B	23.7B	20.6B	31.0B	321 E	201	189	70.5	71.6	51.6	45.5B	35.5B	24
25	27.5B	23.6B	20.0B	34.5B	336 E	205	162	68.5	66.1	52.0	45.0B	35.0B	25
26	28.5B	23.6B	18.8B	42.0B	350 E	195	141	65.1	60.8	52.5	45.0B	35.0B	26
27	28.0B	23.6B	16.5B	52.0B	370 E	187	128	63.0	56.2	47.6	44.5B	34.0B	27
28	27.5B	23.5B	19.3B	64.0B	395 E	181	119	60.3	55.6	47.9	44.5B	34.3B	28
29	26.5B		20.0B	70.0B	415 E	187	118	58.3	58.8	48.1	44.0B	34.1B	29
30	25.5B		21.0B	82.0B	460 E	181	113	56.6	58.8	46.8	43.5B	34.1B	30
31	25.0B		21.8B		480 E		108	54.5		48.0		34.0B	31
TOTAL	787.5	649.5	647.6	967.2	9 004.0	9 202	4 153.3	2 489.4	1 550.8	1 915.4	1 387.2	1 167.5	TOTAL
MEAN	25.7	23.2	20.9	32.2	290	307	134	80.3	51.7	61.8	46.2	37.7	MEAN
MAX	28.5	24.3	23.1	82.0	480	515	211	118	71.6	84.3	54.4	43.5	MAX
MIN	23.0	21.2	16.5	22.4	98.0	181	99.3	54.5	41.0	47.6	43.0	34.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 93.0
MAXIMUM DAILY, 515E ON JUN 5
MINIMUM DAILY, 16.5B ON MAR 27

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 11 20 N
LONG 128 12 44 W
DRAINAGE AREA, 6 940 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	68 000	JUL	359 000
FEB	56 100	AUG	215 000
MAR	56 000	SEP	134 000
APR	83 600	OCT	165 000
MAY	778 000	NOV	120 000
JUN	795 000	DEC	101 000

TOTAL DISCHARGE, 2 930 000 dam³

DEASE RIVER NEAR THE MOUTH - STATION NO. 10AC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	55.0B	46.0B	43.0B	38.0B	130B	839	301	264E	118 E	132	112	80.0B	1
2	54.0B	44.0B	42.5B	40.0B	150B	858	295	235E	115 E	130	110	79.0B	2
3	52.0B	43.0B	42.0B	42.0B	180B	780	284	226E	114 E	128	118	78.0B	3
4	50.0B	43.0B	41.5B	44.0B	231	753	268	216E	117 E	128	113	77.0B	4
5	48.0B	43.0B	41.0B	44.5B	263	839	268	205E	120 E	147	113	76.0B	5
6	44.0B	43.0B	40.0B	44.5B	355	868	269	200E	114 E	148	115	75.0B	6
7	42.0B	43.0B	39.0B	44.7B	411	757	274	205E	108 A	142	114	74.0B	7
8	43.0B	43.0B	38.0B	46.0B	475	690	268	212E	105	141	106	73.0B	8
9	44.0B	43.5B	37.0B	46.7B	536	661	258	204E	104	140	94.0B	72.0B	9
10	45.0B	44.0B	36.0B	46.0B	565	625	255	196E	104	143	92.0B	70.0B	10
11	46.0B	44.0B	35.0B	47.0B	530	616	259	192E	102	147	91.0B	68.5B	11
12	47.0B	44.3B	34.5B	48.0B	488	608	250	188E	99.7	146	90.0B	67.5B	12
13	48.0B	44.5B	35.0B	48.0B	438	615	244	180E	99.2	143	78.0B	66.4B	13
14	48.0B	44.0B	35.5B	49.5B	409	611	241	170E	97.5	137	80.0B	65.5B	14
15	48.0B	43.5B	40.0B	50.0B	400	617	233	164E	96.5	131	81.0B	65.0B	15
16	48.0B	41.0B	42.0B	50.5B	440	557	216	166E	96.4	128	81.5B	65.0B	16
17	48.0B	40.0B	41.0B	51.0B	463	474	202	163E	95.9	125	82.0B	65.0B	17
18	48.0B	39.5B	40.0B	52.0B	467	423	200	160E	96.9	127	82.5B	65.0B	18
19	47.0B	39.0B	39.5B	52.5B	450	382	201	155E	96.4	128	83.0B	64.0B	19
20	46.0B	38.5B	39.0B	53.5B	438	377	213	160E	96.6	123	84.0B	62.0B	20
21	45.5B	41.0B	39.5B	55.0B	421	361	219	148E	102	118	84.0B	62.0B	21
22	45.0B	42.0B	39.5B	56.0B	439	370	247	150E	111	116	84.0B	62.0B	22
23	44.0B	42.5B	40.0B	60.0B	458	357	328A	148E	118	113	83.5B	62.0B	23
24	45.0B	43.0B	40.0B	64.0B	485	387	368E	140E	128	110	83.0B	62.0B	24
25	47.0B	43.0B	39.0B	70.0B	519	381	395E	150E	138	109	82.5B	61.0B	25
26	49.0B	43.0B	37.0B	75.0B	530	380	350E	148E	132	110	82.0B	60.0B	26
27	51.0B	43.0B	35.0B	82.0B	548	405	300E	140E	126	111	82.0B	59.5B	27
28	52.0B	43.0B	33.0B	92.0B	566	383	275E	133E	123	100	82.0B	58.7B	28
29	51.0B		34.0B	102 B	601	331	265E	128E	122	106	81.5B	58.5B	29
30	50.0B		35.0B	113 B	672	320	248E	128E	126	119	81.0B	58.0B	30
31	49.0B		35.0B		763		235E	122E		120		57.5B	31
TOTAL	1 479.5	1 194.7	1 190.8	1 705.5	13 888	16 623	8 236	5 374	3 327.4	3 944	2 705.5	2 071.4	TOTAL
MEAN	47.7	42.7	38.4	56.8	447	554	266	173	111	127	90.2	66.8	MEAN
MAX	55.0	46.0	43.0	113	763	868	395	264	138	148	118	80.0	MAX
MIN	42.0	38.5	33.0	38.0	130	320	200	122	95.4	100	78.0	57.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 169
MAXIMUM DAILY, 868 ON JUN 6
MINIMUM DAILY, 33.0B ON MAR 28
MAXIMUM INSTANTANEOUS,
892 AT 05:15 PST ON JUN 6

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 51 30 N
LONG 128 35 50 W
DRAINAGE AREA, 14 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	128 000	JUL	712 000
FEB	103 000	AUG	464 000
MAR	103 000	SEP	287 000
APR	147 000	OCT	341 000
MAY	1 200 000	NOV	234 000
JUN	1 440 000	DEC	179 000

TOTAL DISCHARGE, 5 340 000 dam³

DEER CREEK AT DEER PARK - STATION NO. 08NE067

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.117	0.074	0.101	0.194	1.98	2.80	1.07	0.213	0.227	0.138	0.164	0.178	1
2	0.146	0.077	0.097	0.207	2.28	4.29	0.930	0.208	0.381	0.141	0.157	0.177	2
3	0.141	0.080	0.095	0.203	2.54	4.77	0.880	0.248	0.388	0.141	0.180	0.178	3
4	0.157	0.082	0.088	0.212	2.86	4.28	0.670	0.236	0.376	0.137	0.260	0.184	4
5	0.144	0.084	0.095	0.225	3.02	4.50	0.830	0.209	0.386	0.137	0.196	0.319	5
6	0.132	0.087	0.097	0.241	3.86	4.81	0.771	0.200	0.304	0.138	0.178	0.248	6
7	0.134	0.087	0.096	0.264	5.00	4.77	0.724	0.187	0.284	0.138	0.182	0.214	7
8	0.085	0.085	0.098	0.287	5.84	4.43	0.688	0.183	0.267	0.136	0.288	0.218	8
9	0.134	0.081	0.097	0.315	6.06	4.00	0.614	0.216	0.288	0.131	0.436	0.214	9
10	0.149	0.082	0.089	0.337	6.22	3.32	0.580	0.213	0.284	0.127	0.376	0.201	10
11	0.141	0.082	0.101	0.365	7.62	2.78	0.582	0.208	0.250	0.135	0.343	0.188	11
12	0.132	0.082	0.103	0.418	8.48	2.83	0.528	0.208	0.238	0.126	0.326	0.184	12
13	0.136	0.081	0.104	0.515	4.24	2.67	0.502	0.213	0.227	0.144	0.306	0.184	13
14	0.133	0.086	0.134	0.588	3.17	2.88	0.478	0.191	0.218	0.180	0.302	0.188	14
15	0.128	0.088	0.120	0.860	2.78	2.67	0.454	0.322	0.210	0.168	0.268	0.178	15
16	0.141	0.088	0.118	1.08	2.82	3.24	0.448	0.231	0.201	0.148	0.288	0.178	16
17	0.132	0.081	0.118	1.11	2.83	2.36	0.442	0.241	0.188	0.142	0.238	0.171	17
18	0.131	0.085	0.114	1.20	2.81	2.31	0.430	0.208	0.201	0.138	0.228	0.184	18
19	0.128	0.101	0.114	1.37	2.28	1.88	0.408	0.231	0.180	0.131	0.223	0.182	19
20	0.128	0.101	0.112	1.78	2.06	1.71	0.394	0.208	0.182	0.128	0.226	0.168	20
21	0.117	0.102	0.118	1.87	1.85	1.58	0.358	0.208	0.177	0.158	0.248	0.158	21
22	0.084	0.103	0.127	2.24	1.88	1.78	0.328	0.328	0.171	0.162	0.233	0.168	22
23	0.118	0.105	0.127	2.07	1.88	1.86	0.316	0.338	0.184	0.264	0.196	0.160	23
24	0.122	0.106	0.128	1.82	1.78	1.64	0.282	0.254	0.180	0.205	0.210	0.158	24
25	0.134	0.103	0.137	1.78	1.63	1.38	0.260	0.269	0.158	0.241	0.207	0.157	25
26	0.120	0.103	0.137	1.84	1.58	1.49	0.278	0.361	0.155	0.175	0.198	0.187	26
27	0.120	0.102	0.156	1.62	1.84	1.38	0.260	0.287	0.153	0.166	0.184	0.165	27
28	0.122	0.101	0.166	1.38	1.88	1.24	0.246	0.260	0.148	0.138	0.182	0.151	28
29	0.124		0.173	1.88	1.58	1.18	0.238	0.288	0.144	0.128	0.182	0.153	29
30	0.126		0.184	1.78	1.57	1.04	0.227	0.244	0.141	0.185	0.184	0.153	30
31	0.129		0.180		2.00		0.218	0.237		0.188		0.161	31
TOTAL	4.024	2.838	3.807	28.821	83.87	80.84	18.808	7.342	6.884	4.840	7.180	8.843	TOTAL
MEAN	0.130	0.084	0.123	0.884	3.03	2.88	0.803	0.237	0.228	0.156	0.239	0.142	MEAN
MAX	0.184	0.105	0.180	2.24	7.62	4.81	1.07	0.361	0.388	0.298	0.438	0.319	MAX
MIN	0.085	0.074	0.085	0.184	1.58	1.04	0.218	0.183	0.141	0.124	0.187	0.161	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.719
MAXIMUM DAILY, 7.62 ON MAY 11
MINIMUM DAILY, 0.074 ON FEB 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 35 30 N
LONG 115 03 30 W
DRAINAGE AREA, 80.5 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	348	JUL	1 250
FEB	227	AUG	934
MAR	328	SEP	802
APR	2 580	OCT	418
MAY	6 128	NOV	619
JUN	6 980	DEC	488

TOTAL DISCHARGE, 22 700 dam³

DENNIS CREEK NEAR 1780 METRE CONTOUR - STATION NO. 08NM242

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0048	0.0038	0.0038	0.0038	0.118	0.543	0.089	0.018	0.031	0.008	0.0138	0.0128	1
2	0.0048	0.0038	0.0038	0.0038	0.113	0.880	0.066	0.024	0.087	0.008	0.0138	0.0128	2
3	0.0048	0.0038	0.0038	0.0038	0.111	0.448	0.046	0.031	0.063	0.008	0.037A	0.0138	3
4	0.0048	0.0038	0.0038	0.0038	0.143	0.414	0.037	0.024	0.044	0.008	0.064	0.0128	4
5	0.0048	0.0038	0.0038	0.0038	0.173	0.397	0.031	0.018	0.037	0.008	0.038A	0.0128	5
6	0.0048	0.0038	0.0038	0.0038	0.231	0.300	0.038	0.018	0.033	0.008	0.0248	0.0128	6
7	0.0048	0.0038	0.0038	0.0038	0.258	0.247	0.026	0.014	0.026	0.008	0.0188	0.0128	7
8	0.0048	0.0038	0.0038	0.0038	0.262	0.203	0.024	0.013	0.026	0.008	0.0188	0.0128	8
9	0.0048	0.0038	0.0038	0.0038	0.263	0.187	0.023	0.036	0.023	0.008	0.0188	0.0128	9
10	0.0048	0.0038	0.0038	0.0048	0.268	0.136	0.036	0.088	0.022	0.008	0.0188	0.0128	10
11	0.0048	0.0038	0.0038	0.0048	0.223	0.131	0.062	0.034	0.020	0.008	0.0148	0.0128	11
12	0.0048	0.0038	0.0038	0.0048	0.184	0.103	0.038	0.026	0.018	0.010	0.0148	0.0118	12
13	0.0048	0.0038	0.0038	0.0048	0.130	0.084	0.036	0.033	0.016	0.011	0.0148	0.0118	13
14	0.0048	0.0038	0.0038	0.0048	0.125	0.170	0.048	0.032	0.017	0.010	0.0148	0.0118	14
15	0.0048	0.0038	0.0038	0.0048	0.140	0.267	0.188	0.088	0.018	0.008	0.0148	0.0118	15
16	0.0048	0.0038	0.0038	0.0088	0.182	0.130	0.088	0.070	0.018	0.008	0.0138	0.0118	16
17	0.0048	0.0038	0.0038	0.0088	0.186	0.088	0.088	0.080	0.018	0.008	0.0138	0.0118	17
18	0.0048	0.0038	0.0038	0.0088	0.141	0.087	0.088	0.083	0.018	0.008	0.0138	0.0118	18
19	0.0048	0.0038	0.0038	0.0088	0.136	0.082	0.046	0.071	0.014	0.010	0.0148	0.0108	19
20	0.0048	0.0038	0.0038	0.0088	0.130	0.078	0.040	0.088	0.014	0.010	0.0148	0.0108	20
21	0.0048	0.0038	0.0038	0.0048	0.118	0.088	0.038	0.047	0.013	0.010	0.0148	0.0108	21
22	0.0048	0.0038	0.0038	0.0108	0.111	0.077	0.032	0.043	0.013	0.010	0.0138	0.0108	22
23	0.0048	0.0038	0.0038	0.0228	0.112	0.060	0.028	0.038	0.012	0.038	0.0128	0.0108	23
24	0.0048	0.0038	0.0038	0.0308	0.088	0.048	0.026	0.031	0.011	0.037	0.0128	0.0108	24
25	0.0048	0.0038	0.0038	0.032A	0.102	0.046	0.034	0.028	0.010	0.020	0.0128	0.0108	25
26	0.0048	0.0038	0.0038	0.026	0.118	0.044	0.022	0.031	0.010	0.017	0.0128	0.0108	26
27	0.0048	0.0038	0.0038	0.023	0.184	0.040A	0.032	0.026	0.010	0.0168	0.0128	0.0098	27
28	0.0048	0.0038	0.0038	0.030	0.187	0.038	0.047	0.028	0.008	0.0158	0.0128	0.0088	28
29	0.0048		0.0038	0.061	0.178	0.042	0.028	0.026	0.008	0.0148	0.0128	0.0088	29
30	0.0048		0.0038	0.101	0.284	0.044	0.023	0.023	0.008	0.0128	0.0128	0.0088	30
31	0.0038		0.0038		0.436		0.018	0.024		0.0138		0.0088	31
TOTAL	0.124	0.084	0.093	0.436	5.382	5.188	1.313	1.112	0.882	0.382	0.802	0.334	TOTAL
MEAN	0.004	0.003	0.003	0.014	0.174	0.172	0.042	0.036	0.022	0.012	0.017	0.011	MEAN
MAX	0.005	0.003	0.003	0.101	0.436	0.880	0.188	0.080	0.047	0.037	0.084	0.013	MAX
MIN	0.003	0.003	0.003	0.003	0.088	0.038	0.018	0.013	0.008	0.008	0.013	0.008	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.043
MAXIMUM DAILY, 0.880 ON JUN 2
MINIMUM DAILY, 0.0038 ON JAN 31
MAXIMUM INSTANTANEOUS,
0.787 AT 16:28 PST ON JUN 2

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 37 28 N
LONG 115 22 51 W
DRAINAGE AREA, 3.73 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10.7	JUL	113
FEB	7.28	AUG	66.1
MAR	8.04	SEP	57.2
APR	38.7	OCT	33.1
MAY	488	NOV	43.4
JUN	448	DEC	28.9

TOTAL DISCHARGE, 1 380 dam³

DESERTERS CREEK ABOVE MARCOSLI CREEK - STATION NO. 08KE034

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1.08	0.078	0.084	0.007	0.018E	0.007E	0.038E	---	1
2	---	---	---	---	0.941	0.067	0.084	0.028	0.018	0.006	0.038	---	2
3	---	---	---	---	0.821	0.058	0.082	0.030	0.017E	0.006E	0.044	---	3
4	---	---	---	---	0.889	0.054	0.088	0.051	0.018E	0.011	0.085E	---	4
5	---	---	---	---	0.866	0.049	0.094	0.057	0.018	0.014E	0.050E	---	5
6	---	---	---	---	0.488	0.041	0.070	0.044	0.015E	0.014E	0.048E	---	6
7	---	---	---	---	0.411	0.036	0.064	0.030	0.013	0.013E	0.048E	---	7
8	---	---	---	---	0.431	0.032	0.064	0.028E	0.012E	0.013E	0.080E	---	8
9	---	---	---	---	0.283	0.026	0.047	0.021	0.011	0.017	0.114	---	9
10	---	---	---	---	0.218	0.026	0.038	0.018E	0.010E	0.018	0.104	---	10
11	---	---	---	---	0.215	0.026	0.038	0.018E	0.008	0.018E	---	---	11
12	---	---	---	---	0.200	0.023	0.064	0.014	0.008E	0.017E	---	---	12
13	---	---	---	---	0.177	0.020	0.049	0.021	0.008E	0.016	---	---	13
14	---	---	---	---	0.188E	0.021	0.047	0.011	0.008	0.015E	---	---	14
15	---	---	---	---	0.161	0.020	0.041	0.011	0.008E	0.015E	---	---	15
16	---	---	---	0.521	0.134	0.018	0.036	0.010E	0.008	0.021	---	---	16
17	---	---	---	0.554	0.127	0.016	0.028	0.008	0.007E	0.021	---	---	17
18	---	---	---	0.431	0.177	0.017E	0.023	0.008	0.007	0.016	---	---	18
19	---	---	---	0.418	0.241	0.017	0.020	0.008E	0.008E	0.018E	---	---	19
20	---	---	---	0.554	0.376	0.018	0.020E	0.013	0.011	0.015E	0.082	---	20
21	---	---	---	1.01	0.315	0.018	0.021E	0.021	0.011E	0.020E	---	---	21
22	---	---	---	1.00	0.280	0.021	0.025E	0.041	0.011E	0.020E	---	---	22
23	---	---	---	1.00	0.226	0.020	0.021	0.084	0.011	0.025	---	---	23
24	---	---	---	0.884	0.182	0.017	0.018	0.048E	0.010E	0.027E	---	---	24
25	---	---	---	0.821	0.170	0.012	0.018	0.044E	0.009E	0.026	---	---	25
26	---	---	---	0.881	0.182	0.011	0.009	0.040E	0.008	0.026E	---	---	26
27	---	---	---	0.885	0.170	0.010	0.008	0.038E	0.008E	0.027E	---	---	27
28	---	---	---	0.875	0.158	0.021	0.008	0.030	0.008	0.026E	---	---	28
29	---		---	1.05	0.137	0.026	0.008	0.028E	0.008E	0.025E	---	---	29
30	---		---	1.12	0.104	0.101	0.007	0.021	0.007	0.024E	---	---	30
31	---		---		0.091		0.007	0.020E		0.024E	---	---	31
TOTAL	---	---	---	---	9.836	0.926	1.189	0.611	0.319	0.599	---	---	TOTAL
MEAN	---	---	---	---	0.317	0.031	0.038	0.020	0.011	0.019	---	---	MEAN
MAX	---	---	---	---	1.09	0.101	0.084	0.057	0.018	0.026	---	---	MAX
MIN	---	---	---	---	0.091	0.011	0.007	0.007	0.007	0.007	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.12 ON APR 30

DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 49 52 N
LONG 123 33 25 W
DRAINAGE AREA, 89.1 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	101
FEB	---	AUG	70.1
MAR	---	SEP	27.6
APR	---	OCT	46.2
MAY	880	NOV	---
JUN	78.9	DEC	---

DICKEBUSCH CREEK NEAR THE MOUTH - STATION NO. 07FB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.021B	0.001B	0 B	0.008B	0.783	1.05	0.803	0.301	0.478	0.371	0.208B	0.138B	1
2	0.020B	0 B	0 B	0.004B	0.748	0.883	0.623	0.338	0.420	0.378	0.212B	0.130B	2
3	0.018B	0 B	0 B	0.008B	0.784	0.714	0.732	0.314	0.380	0.487	0.212B	0.128B	3
4	0.018B	0 B	0 B	0.008B	0.817	0.842	0.710	0.287	0.368	0.580	0.204B	0.121B	4
5	0.018B	0 B	0 B	0.010B	0.840	0.678	0.882	0.265	0.377	0.607	0.190B	0.120B	5
6	0.010B	0 B	0 B	0.018B	0.873	0.834	0.894	0.248	0.381	0.553	0.180B	0.118B	6
7	0.004B	0 B	0 B	0.022B	0.896	0.488	0.852	0.218	0.378	0.541	0.180B	0.108B	7
8	0.008B	0.001B	0 B	0.025B	0.877	0.481	0.810	0.220	0.331	0.486	0.144B	0.100B	8
9	0.008B	0.008B	0 B	0.030B	0.878	1.16	0.808	0.220	0.308	0.444	0.138B	0.088B	9
10	0.008B	0.018B	0 B	0.035B	0.988	1.27	0.861	1.70	0.263	0.427	0.128B	0.088B	10
11	0.010B	0.020B	0 B	0.040B	0.954	0.911	0.451	0.885	0.274	0.389	0.120B	0.088B	11
12	0.008B	0.017B	0 B	0.048B	0.778	0.748	0.421	0.718	0.280	0.373	0.110B	0.090B	12
13	0.008B	0.010B	0.001B	0.054B	0.695	0.689	0.390	0.578	0.244	0.347	0.100B	0.088B	13
14	0.007B	0.001B	0.005B	0.062B	0.606	0.586	0.367	0.462	0.228	0.339	0.100B	0.108B	14
15	0.008B	0 B	0.008B	0.072B	0.559	0.514	0.358	0.446	0.227	0.318	0.110B	0.102B	15
16	0.008B	0 B	0.008B	0.080B	0.515	0.440	0.384	0.497	0.248	0.320	0.120B	0.098B	16
17	0.010B	0 B	0.008B	0.088B	0.484	0.408	0.323	0.606	0.238	0.301	0.140B	0.088B	17
18	0.008B	0 B	0.008B	0.120B	0.464	0.383	0.290	0.637	0.228	0.283	0.158B	0.078B	18
19	0.011B	0 B	0.008B	0.140B	0.418	0.336	0.277	0.648	0.281	0.277	0.158B	0.068B	19
20	0.011B	0.001B	0.008B	0.180B	0.583	0.388	0.327	0.628	0.284	0.288	0.182B	0.062B	20
21	0.010B	0.008B	0.008B	0.230B	0.772	0.377	0.284	0.478	0.258	0.258	0.148B	0.068B	21
22	0.008B	0.015B	0.007B	0.270B	0.748	0.324	0.253	0.785	0.248	0.234	0.138B	0.058B	22
23	0.008B	0.018B	0.010B	0.340B	0.881	0.283	0.224	2.58	0.224	0.258	0.120B	0.078B	23
24	0.004B	0.008B	0.008B	0.430B	1.28	0.288	0.221	2.06	0.204	0.248	0.108B	0.088B	24
25	0.008B	0.003B	0.008B	0.800B	1.48	0.268	0.208	1.35	0.188	0.248	0.100B	0.090B	25
26	0.021B	0.001B	0.004B	0.620B	1.77	0.452	0.184	1.02	0.204	0.260	0.108B	0.080B	26
27	0.018B	0 B	0.003B	0.878	1.84	2.70	0.838	0.837	0.188	0.268	0.120B	0.068B	27
28	0.010B	0 B	0.005B	0.712	1.34	2.61	0.838	0.735	0.185	0.2508	0.132B	0.062B	28
29	0.008B		0.005B	0.778	1.28	1.80	0.601	0.672	0.268	0.230B	0.126B	0.060B	29
30	0.006B		0.005B	0.784	1.32	1.06	0.384	0.804	0.428	0.218B	0.137B	0.078B	30
31	0.003B		0.005B		1.22		0.331	0.842		0.208B		0.078B	31
TOTAL	0.320	0.125	0.112	5.382	26.321	22.848	13.688	21.818	8.880	10.782	4.282	3.039	TOTAL
MEAN	0.010	0.004	0.004	0.213	0.814	0.788	0.448	0.704	0.288	0.347	0.143	0.082	MEAN
MAX	0.021	0.020	0.010	0.778	1.77	2.70	0.803	2.58	0.478	0.607	0.212	0.138	MAX
MIN	0.003	0	0	0.004	0.418	0.288	0.184	0.218	0.188	0.208	0.100	0.062	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.330
MAXIMUM DAILY, 2.70 ON JUN 27
MINIMUM DAILY, 0B ON FEB 2
MAXIMUM INSTANTANEOUS,
3.47 AT 15:58 PST ON JUN 27

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 32 07 N
LONG 121 36 40 W
DRAINAGE AREA, 88.9 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	27.9	JUL	1 200
FEB	10.8	AUG	1 060
MAR	3.96	SEP	740
APR	561	OCT	930
MAY	2 450	NOV	370
JUN	1 980	DEC	248

TOTAL DISCHARGE, 10 400 dam³

DOLAN CREEK ABOVE DIVERSIONS - STATION NO. 08ND022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.088E	0.528	0.420E	0.061	0.015	0.041	---	---	---	1
2	---	---	---	0.088E	0.555	0.440E	0.053	0.021	0.050	---	---	---	2
3	---	---	---	0.087E	0.603	0.435E	0.050	0.032	0.048	---	---	---	3
4	---	---	---	0.093A	0.475	0.440E	0.045	0.020	0.043	---	---	---	4
5	---	---	---	0.104	0.511	0.480E	0.041	0.018	0.042	---	---	---	5
6	---	---	---	0.115	0.675A	0.420E	0.038	0.015	0.037	---	---	---	6
7	---	---	---	0.122	0.655E	0.380E	0.038	0.013	0.033	---	---	---	7
8	---	---	---	0.124	0.590E	0.385E	0.037	0.012	0.033	---	---	---	8
9	---	---	---	0.115	0.680E	0.360E	0.033	0.018	0.029	---	---	---	9
10	---	---	---	0.109	0.730E	0.310E	0.031	0.011	0.026	---	---	---	10
11	---	---	---	0.112	0.535E	0.280E	0.031	0.010	0.026	---	---	---	11
12	---	---	---	0.118	0.420E	0.300E	0.026	0.010	0.026	---	---	---	12
13	---	---	---	0.128	0.315E	0.330E	0.027	0.012	0.027	---	---	---	13
14	---	---	---	0.185	0.280E	0.380E	0.027	0.012	0.023	---	---	---	14
15	---	---	---	0.200	0.260E	0.280E	0.039	0.040	0.022	---	---	---	15
16	---	---	---	0.208	0.260E	0.230E	0.036	0.038	0.022	---	---	---	16
17	---	---	---	0.184	0.318A	0.170E	0.048	0.034	0.021	---	---	---	17
18	---	---	---	0.167	0.310E	0.140E	0.036	0.022	0.023	---	---	---	18
19	---	---	---	0.186	0.280E	0.100E	0.030	0.030	0.023	---	---	---	19
20	---	---	---	0.205	0.270E	0.073	0.026	0.024	0.020	---	---	---	20
21	---	---	---	0.345	0.240E	0.085	0.023	0.026	0.018	---	---	---	21
22	---	---	---	0.333	0.233E	0.082	0.023	0.041	0.016	---	---	---	22
23	---	---	---	0.312	0.260E	0.057	0.023	0.033	0.016	---	---	---	23
24	---	---	---	0.314	0.265E	0.053	0.017	0.026	0.019	---	---	---	24
25	---	---	---	0.290	0.260E	0.051	0.018	0.021	0.018	---	---	---	25
26	---	---	---	0.317	0.240E	0.049	0.018	0.018	0.018	---	---	---	26
27	---	---	---	0.285	0.265E	0.048	0.020	0.015	0.021A	---	---	---	27
28	---	---	---	0.311	0.270E	0.047	0.033	0.016	0.020E	---	---	---	28
29	---		---	0.362	0.300E	0.047	0.018	0.031	0.020E	---	---	---	29
30	---		---	0.416	0.345E	0.048	0.017	0.028	0.019E	---	---	---	30
31	---		---		0.380E		0.016	0.036		---	---	---	31
TOTAL	---	---	---	5.051	12.215	6.851	0.981	0.693	0.617	---	---	---	TOTAL
MEAN	---	---	---	0.202	0.394	0.228	0.032	0.022	0.027	---	---	---	MEAN
MAX	---	---	---	0.416	0.730	0.460	0.061	0.041	0.050	---	---	---	MAX
MIN	---	---	---	0.085	0.233	0.047	0.016	0.010	0.016	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.730E ON MAY 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 58 20 N
LONG 118 14 23 W

A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	64.8
FEB	---	AUG	59.8
MAR	---	SEP	70.8
APR	534	OCT	---
MAY	1 080	NOV	---
JUN	592	DEC	---

DORE RIVER NEAR MCBRIDE - STATION NO. 08KA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.110	1.848	1.808	1.318	10.8	48.5	32.6	36.7	13.8	7.84	3.81	3.218	1
2	2.088	1.888	1.848	1.318	10.4	44.4	28.3	58.2	12.1	8.14	3.78	3.138	2
3	2.078	1.858	1.848	1.308	11.8	42.5	28.8	51.0	12.1	8.63	4.03	3.108	3
4	2.038	1.808	1.848	1.318	13.8	48.0	27.0	40.2	10.8	8.40	4.48	2.898	4
5	2.018	1.778	1.838	1.308	18.8	58.8	26.0	38.3	11.0	8.82	4.70A	2.808	5
6	1.998	1.738	1.838	1.308	28.8	54.6	26.8	42.0	10.2	8.98	4.818	2.788	6
7	1.888	1.708	1.818	1.318	34.0	44.3	25.6	41.8	11.4	9.22	4.30E	2.648	7
8	1.878	1.888	1.808	1.348	33.4	40.2	30.2	40.8	9.70	9.02	4.08E	2.888	8
9	1.888	1.808	1.898	1.378	28.1	48.0	27.8	42.0	8.47	8.17	4.20E	2.478	9
10	1.868	1.888	1.888	1.418	28.1	44.8	31.3	36.8A	8.28	8.88	8.80E	2.328	10
11	1.838	1.878	1.888	1.468	31.1	52.1	32.8	33.8E	8.80	8.04	7.80E	2.288	11
12	1.808	1.868	1.858	1.538	22.5	58.0	28.1	36.8E	12.8	8.14	6.88E	2.278	12
13	1.878	1.868	1.828	1.688	18.3	67.8	41.8	34.3E	13.3	4.87	6.88E	2.238	13
14	1.848	1.708	1.818	1.718	17.8	78.3	48.6	32.8E	12.8	4.46	6.80E	2.328	14
15	1.838	1.718	1.808	1.788	18.8	81.1	48.3	28.8E	8.33	4.10	6.33E	2.338	15
16	1.828	1.718	1.488	1.878	20.8	43.4	41.1	27.0E	7.03	3.89	5.18E	2.278	16
17	1.808	1.708	1.488	2.008	21.7	36.6	38.8	28.0E	8.38	4.21	5.08E	2.188	17
18	1.788	1.888	1.478	2.188	18.3	31.8	37.3	28.0E	8.58	4.63	5.10E	2.108	18
19	1.778	1.888	1.488	2.318	15.8	28.3	36.4	25.8	8.38	4.88	5.30E	3.008	19
20	1.788	1.888	1.448	2.808	13.8	24.8	27.3	25.8	7.08	5.88	4.78E	1.918	20
21	1.758	1.868	1.438	2.708	12.8	24.3	28.1	26.8	8.88	5.31	4.08E	1.848	21
22	1.758	1.878	1.428	3.018	11.3	28.3	28.8	24.8	10.4	5.18	3.80E	1.838	22
23	1.758	1.858	1.418	3.388	10.8	37.8	23.8	18.8	12.8	5.18	3.86E	1.868	23
24	1.788	1.888	1.408	3.888	11.1	48.3	24.8	18.3	8.63	5.18	3.78E	1.828	24
25	1.758	1.888	1.388	4.78A	11.2	48.8	24.1	18.8	11.8	8.82	3.48E	1.868	25
26	1.788	1.878	1.368	4.87	11.8	58.3	27.1	18.8	11.8	4.71	3.24E	1.888	26
27	1.818	1.888	1.378	5.58	11.2	38.2	38.7	13.8	11.2	4.58	3.24E	2.028	27
28	1.888	1.868	1.388	6.88	11.8	28.7	33.8	11.8	10.4	4.84	3.33E	2.888	28
29	1.848		1.348	8.28	13.8	22.8	33.8	11.4	12.2	4.23	3.30E	2.018	29
30	2.888		1.338	11.2	20.2	27.2	38.7	13.7	13.8	4.32	3.28E	1.868	30
31	2.858		1.338		33.1		37.8	12.8		3.74		1.878	31
TOTAL	58.87	48.03	48.34	87.88	884.4	1 281.8	1 018.4	818.4	318.03	182.38	141.10	71.38	TOTAL
MEAN	1.89	1.72	1.48	2.83	18.2	43.7	33.8	28.8	18.8	5.26	4.70	2.30	MEAN
MAX	2.11	1.84	1.88	11.2	38.1	78.3	48.8	58.2	18.8	8.82	8.88	3.21	MAX
MIN	1.78	1.88	1.32	1.38	10.4	22.8	23.8	11.4	8.38	3.88	3.38	1.83	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.8
MAXIMUM DAILY, 78.3 ON JUN 14
MINIMUM DAILY, 1.308 ON APR 3
MAXIMUM INSTANTANEOUS,
80.8 AT 18:88 PST ON JUN 14

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 18 38 N
LONG 120 14 45 W

DRAINAGE AREA, 484 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 878	JUL	87 788
FEB	4 188	AUG	78 188
MAR	4 888	SEP	27 888
APR	7 888	OCT	14 888
MAY	81 488	NOV	13 288
JUN	111 888	DEC	8 178

TOTAL DISCHARGE, 418 888 dam³

DOVE CREEK NEAR THE MOUTH - STATION NO. 08NB075

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.61	3.00 B	1.14	2.62	1.36	0.202	0.823	0.151	0.073	0.082	0.567	1.27	1
2	1.48	2.00 B	1.00 B	3.13	1.18	0.226	1.85	0.204	0.087	0.048	0.503	8.21	2
3	3.09	1.50 B	0.9288	2.17	0.887	0.214	1.48	0.278	0.068	0.048	0.617	14.0	3
4	3.30	1.00 B	0.734	1.75	0.867	0.185	1.26	0.257	0.060	0.048	0.891	10.4	4
5	2.29	0.7008	1.58	2.38	1.12	0.118	0.756	0.198	0.056	0.070	0.911	5.37	5
6	1.65	0.5503	2.58	4.55	1.02	0.106	0.487	0.154	0.047	0.074	0.754	3.48	6
7	1.17	0.4805	2.08	5.76	0.802	0.103	0.483	0.122	0.048	0.088	0.835	5.55	7
8	0.883	0.4405	2.24	3.26	0.807	0.086	0.814	0.083	0.042	0.088	0.742	5.54	8
9	0.672	0.4108	3.41	3.47	0.730	0.087	0.841	0.062	0.038	0.088	1.81	3.38	9
10	0.763	0.3908	3.68	2.34	0.808	0.087	0.448	0.073	0.032	0.088	2.28	2.15	10
11	0.888	0.3708	3.26	2.62	0.815	0.088	0.346	0.113	0.028	0.077	1.68	1.56	11
12	1.87	0.3808	3.25	2.62	0.529	0.045	0.339	0.094	0.027	0.101	1.00	1.15	12
13	3.68	0.3508	5.75	2.64	0.437	0.053	0.188	0.088	0.024	0.128	0.870	0.851	13
14	2.30	0.3458	4.13	3.23	0.381	0.057	0.142	0.151	0.023	0.122	0.888	0.831	14
15	1.70	0.3428	2.88	3.11	0.388	0.038	0.118	0.200	0.023	0.113	0.828	0.717	15
16	1.52	0.3358	2.58	2.03	0.443	0.038	0.180	0.188	0.030	0.107	0.818	0.853	16
17	2.36	0.3308	2.38	1.98	0.480	0.052	0.774	0.148	0.068	0.113	0.742	0.876	17
18	2.37	0.4008	1.88	1.88	0.638	0.048	0.851	0.121	0.085	0.270	0.885	0.875	18
19	1.84	0.5008	1.68	2.47	0.523	0.048	0.483	0.102	0.047	0.307	0.795	0.486	19
20	1.61	0.6408	1.53	10.2	0.430	0.080	0.318	0.084	0.044	0.788	1.38	0.486	20
21	1.38	1.00 B	1.64	3.85	0.387	0.081	0.334	0.128	0.041	2.84	1.53	0.837	21
22	1.10	7.02 B	2.04	3.84	0.348	0.064	0.383	0.168	0.038	2.81	1.17	0.838	22
23	0.831	7.80	1.63	2.89	0.327	0.068	0.243	0.187	0.034	11.8	1.80	0.859	23
24	0.880	5.11	1.48	3.08	0.341	0.048	0.185	0.185	0.034	4.92	1.81	0.778	24
25	0.857	2.98	1.33	1.98	0.327	0.044	0.132	0.165	0.038	2.40 A	1.18	0.884	25
26	0.784	3.01	1.28	1.78	0.358	0.039	0.086	0.143	0.051	12.0 A	1.88	0.840	26
27	0.788	1.82	1.80	1.53	0.490	0.048	0.082	0.118	0.088	3.38	1.82	0.847	27
28	0.800	1.33	2.15	1.33	0.417	0.051	0.088	0.088	0.088	1.78	1.84	0.888	28
29	1.38		2.17	1.38	0.376	0.381	0.083	0.084	0.052	1.18	2.56	0.866	29
30	3.13		2.06	1.48	0.322	0.820	0.048	0.080	0.084	0.901	1.80	0.888	30
31	4.40 A		2.09		0.288		0.078	0.073		0.711		0.732	31
TOTAL	63.388	44.012	79.080	88.08	18.488	3.389	14.381	4.337	1.383	47.847	34 585	88.834	TOTAL
MEAN	1.72	1.87	2.88	2.84	0.887	0.113	0.484	0.140	0.048	1.84	1.15	2.78	MEAN
MAX	4.40	7.82	8.25	10.2	1.38	0.820	1.88	0.278	0.073	12.0	2.88	18.4	MAX
MIN	0.888	0.330	0.734	1.33	0.288	0.038	0.048	0.073	0.023	0.048	0.503	0.488	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.30
MAXIMUM DAILY, 10.4 ON DEC 4
MINIMUM DAILY, 0.023 ON SEP 14
MAXIMUM INSTANTANEOUS,
38.2 AT 01:52 PST ON DEC 4

SUMMARY FOR THE YEAR 1969

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 44 13 N
LONG 128 05 00 W
DRAINAGE AREA, 41.1 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 810	JUL	1 240
FEB	3 800	AUG	374
MAR	5 430	SEP	117
APR	7 810	OCT	4 120
MAY	1 600	NOV	3 880
JUN	203	DEC	7 600

TOTAL DISCHARGE, 41 000 dam³

DRAGON CREEK ABOVE DRAGON LAKE - STATION NO. 08KH023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.004	0.010	0.002	0.002	0 E	0.001	---	---	---	1
2	---	---	---	0.047	0.010	0.001	0.0028	0.003	0	---	---	---	2
3	---	---	---	0.047	0.008	0.001	0.001	0.002	0	---	---	---	3
4	---	---	---	0.048	0.007	0	0	0.001	0	---	---	---	4
5	---	---	---	0.051	0.007	0	0	0.003	0	---	---	---	5
6	---	---	---	0.072	0.007	0	0	0.002	0	---	0.004	---	6
7	---	---	---	0.028	0.018	0	0	0.001	0	---	---	---	7
8	---	---	---	0.031	0.008	0	0	0	0	---	---	---	8
9	---	---	---	0.026	0.007	0	0	0.002	0	---	---	---	9
10	---	---	---	0.031	0.004	0	0	0	0	---	---	---	10
11	---	---	---	0.035	0.004	0	0.001	0 E	0	---	---	---	11
12	---	---	---	0.032	0.004	0	0	0	0	---	---	---	12
13	---	---	---	0.028	0.002	0	0 E	0	0	---	---	---	13
14	---	---	---	0.026	0.003	0	0	0	0 E	---	---	---	14
15	---	---	---	0.033	0.002	0 E	0.001	0	0	---	---	---	15
16	---	---	---	0.018	0.001	0 E	0.001	0	0	---	---	---	16
17	---	---	---	0.017	0.008	0 E	0	0	0	---	---	---	17
18	---	---	---	0.018	0.008	0	0	0 E	0	---	---	---	18
19	---	---	---	0.018	0.008	0 E	0 E	0 E	0	---	---	---	19
20	---	---	---	0.018	0.003	0 E	0 E	0 E	0	---	---	---	20
21	---	---	---	0.018	0.003	0 E	0	0.0018	0	---	---	---	21
22	---	---	---	0.032	0.003	0	0	0.004	0 E	---	---	---	22
23	---	---	---	0.011	0.002	0 E	0.001	0.0028	0	---	---	---	23
24	---	---	---	0.011	0.001	0 E	0	0.0018	0	---	---	---	24
25	---	---	---	0.1278	0.002	0	0	0	0	---	---	---	25
26	---	---	---	0.018	0.003	0 E	0	0 E	0 E	---	---	---	26
27	---	---	---	0.013	0.003	0 E	0	0	0 E	---	---	---	27
28	---	---	---	0.012	0.008	0	0 E	0.001	0	---	---	---	28
29	---		---	0.013	0.004	0 E	0 E	0	0	---	---	---	29
30	---		---	0.011	0.003	0 E	0 E	0	0	---	---	---	30
31	---		---		0.001		0	0		---	---	---	31
TOTAL	---	---	---	0.887	0.148	0.004	0.009	0.024	0.001	---	---	---	TOTAL
MEAN	---	---	---	0.022	0.005	0	0	0.001	0	---	---	---	MEAN
MAX	---	---	---	0.127	0.018	0.002	0.002	0.004	0.001	---	---	---	MAX
MIN	---	---	---	0.011	0.001	0	0	0	0	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON JUN 4

SUMMARY FOR THE YEAR 1969

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 56 13 N
LONG 122 23 15 W
DRAINAGE AREA, 7.25 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.78
FEB	---	AUG	2.07
MAR	---	SEP	0.08
APR	82.7	OCT	---
MAY	12.8	NOV	---
JUN	0.36	DEC	---

DRIFTWOOD RIVER ABOVE KASTBERG CREEK - STATION NO. 08JD006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.41B	1.26	0.812	0.784	23.1	46.3	9.07	3.35	1.77	2.82	3.66	2.46	1
2	1.40B	1.32	0.821	0.752	26.0	62.1	10.6	3.29	1.86	2.22	3.77	2.80	2
3	1.38B	1.34	0.801	0.746	33.7	63.9	9.67	3.14	1.57	2.01	4.93	3.24	3
4	1.36B	1.29	0.785	0.782	39.4	50.5	8.60	3.01	1.72	1.83	5.86	3.34	4
5	1.34B	1.22	0.807	0.718	42.7	39.6	8.18	2.87	1.70	2.40	5.32	3.22	5
6	1.30B	1.17	0.831	0.704	45.9	30.7	7.73	3.30	1.49	2.38	4.67	2.83	6
7	1.28	1.14	0.823	0.737	47.8	27.5	8.00	3.20	1.56	2.17	4.56	2.86	7
8	1.28	1.08	0.839	0.727	46.5	26.2	9.81	2.98	1.56	2.15	4.61	2.77	8
9	1.26	1.07	0.827	0.727	44.7	23.9	9.53	2.87	1.42	2.91	4.56	2.56	9
10	1.23	1.02	0.823	0.767	38.0	23.5	10.9	3.16	1.35	3.53	4.20	2.10	10
11	1.20	0.998	0.832	0.763	31.2	24.0	8.86	3.78	1.32	3.06	3.41	2.34	11
12	1.19	0.976	0.844	0.837	26.1	26.9	7.80	3.55	1.30	3.00	3.60	2.39	12
13	1.19	0.927	0.842	0.880	23.8	28.1	7.33	3.50	1.28	2.87	3.51	2.43	13
14	1.22	0.918	0.841	0.981	24.9	26.0	7.62	3.84	1.19	2.80	3.11	2.41	14
15	1.27	0.950	0.832	1.20	29.4	20.9	6.29	3.10	1.12	2.37	2.82	2.33	15
16	1.29	0.966	0.819	1.39	34.4	15.4	5.63	2.99	1.09	2.01	3.17	2.30	16
17	1.28	0.928	0.785	1.63	29.9	13.1	5.16	2.82	1.26	2.22	3.23	2.13	17
18	1.30	0.929	0.783	1.79	26.1	13.6	5.91	2.73	1.20	4.38	3.71	2.10	18
19	1.28	0.918	0.773	2.03	25.4	11.7	5.87	2.59	1.50	5.81	4.60B	2.08	19
20	1.26	0.886	0.763	2.47	23.2	10.9	6.56	2.44	2.08	9.08	4.45	1.90	20
21	1.27	0.871	0.738	3.14	22.5	10.2	5.57	2.80	2.82	6.37	3.70	1.81	21
22	1.25	0.839	0.744	3.84	23.6	9.72	5.03	3.21	2.60	9.08	3.53	1.98	22
23	1.21	0.855	0.737	4.43	24.6	10.8	4.86	2.87	2.38	5.77	3.81	2.14	23
24	1.19	0.868	0.729	5.56	25.0	11.9	4.22	2.94	2.01	5.14	3.39	2.20	24
25	1.18	0.890	0.726	6.67	25.0	12.1	3.98	2.72	1.76	4.81	3.17	2.23	25
26	1.19	0.870	0.735	8.08	25.1	11.4	3.83	2.42	1.80	5.40	2.98	2.46	26
27	1.33	0.859	0.732	9.83	27.3	12.5	3.60	2.20	1.43	5.52	2.86	2.87	27
28	1.46	0.844	0.719	11.8	30.0	9.83	4.21	2.07	1.38	4.85	2.95	3.06	28
29	1.61		0.753	15.1	34.6	8.84	3.97	1.98	2.98	4.61	2.87	3.01	29
30	1.60		0.749	18.2	42.9	8.81	3.53	1.82	3.30	4.29	2.78	2.88	30
31	1.48		0.784		44.9		3.40	1.87		3.78		2.80	31
TOTAL	40.47	28.181	24.389	108.138	989.6	667.20	207.68	89.02	51.62	120.82	114.01	77.90	TOTAL
MEAN	1.31	1.01	0.787	3.60	31.9	22.2	6.70	2.87	1.72	3.90	3.80	2.51	MEAN
MAX	1.61	1.34	0.844	18.2	47.8	63.9	10.9	3.78	3.30	9.08	5.86	3.34	MAX
MIN	1.18	0.839	0.719	0.704	22.5	8.81	3.40	1.87	1.08	1.83	2.78	1.81	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.80
MAXIMUM DAILY, 63.9 ON JUN 3
MINIMUM DAILY, 0.704 ON APR 6
MAXIMUM INSTANTANEOUS,
65.6 AT 15:55 PST ON JUN 3

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 58 07 N
LONG 126 39 25 W
DRAINAGE AREA, 407 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 500	JUL	17 900
FEB	2 430	AUG	7 690
MAR	2 110	SEP	4 460
APR	9 340	OCT	10 400
MAY	85 500	NOV	9 850
JUN	57 600	DEC	6 730

TOTAL DISCHARGE, 218 000 dam³

DUCK CREEK NEAR WYNNDEL - STATION NO. 08NH016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.280	0.187	0.211	0.401	1.31	2.10	1.07	0.557	0.589	0.331	0.346	0.386	1
2	0.291	0.168B	0.211	0.376	1.36	2.58	1.02	0.906	0.576	0.334	0.340	0.402	2
3	0.300	0.188B	0.207B	0.337	1.33	3.05	0.987	0.611	0.566	0.319	0.364	0.418	3
4	0.348	0.208B	0.205	0.314	1.32	3.24	0.952	0.580	0.547	0.312	0.573	0.528	4
5	0.414	0.220B	0.204	0.437	1.46	3.91	0.905	0.586	0.563	0.316	0.390	0.545	5
6	0.367	0.230	0.226	0.504	2.19	4.12	0.901	0.543	0.525	0.304	0.460	0.477	6
7	0.290B	0.254	0.221	0.619	3.55	3.87	0.861	0.527	0.525	0.316	0.563	0.464	7
8	0.283B	0.264	0.209	0.627	3.53	3.57	0.828	0.523	0.560	0.324	0.428	0.451	8
9	0.270B	0.269	0.232	0.669	3.55	3.19	0.821	1.07	0.517	0.317	0.566	0.435	9
10	0.285B	0.284	0.336	0.661	4.18	2.77	0.867	0.770	0.499	0.372	0.780	0.395B	10
11	0.295B	0.279	0.311	0.578	3.43	2.49	0.780	0.617	0.482	0.382	0.550	0.365B	11
12	0.305B	0.272	0.363	0.621	2.29	2.26	0.764	0.575	0.470	0.355	0.461	0.394	12
13	0.320B	0.267	0.279	0.734	1.81	2.14	0.838	0.564	0.470	0.574	0.376	0.396	13
14	0.333	0.293	0.332	0.845	1.88	2.18	0.769	0.555	0.457	0.586	0.487A	0.387	14
15	0.334	0.310	0.294	1.14	1.66	2.07	0.748	0.723	0.459	0.337	0.451A	0.382	15
16	0.349	0.286	0.280	1.09	1.70	2.50	0.734	0.615	0.442	0.331	0.422	0.381	16
17	0.330	0.305	0.265	1.06	1.90	2.03	0.739	0.617	0.445	0.324	0.405	0.373	17
18	0.342	0.283	0.238	1.13	2.24	1.93	[illegible]	0.570	0.471	0.335	0.400	0.367	18
19	0.339	0.281	0.254	1.33	1.89	1.67	0.686	0.549	0.484	0.343	0.400	0.361	19
20	0.346	0.284	0.264	1.66	1.65	1.79	0.659	0.540	0.418	0.415	0.429	0.362	20
21	0.333	0.285	0.281	1.80	1.64	1.87	0.651	0.765	0.401	0.641	0.446	0.363	21
22	0.300B	0.249	0.336	1.65	1.56	1.57	0.640	0.668	0.403	0.777	0.396	0.362	22
23	0.285B	0.257	0.343	1.64	1.62	1.46	0.619	0.592	0.402	0.677	0.398	0.352	23
24	0.275B	0.249	0.335	1.26	1.67	1.36	0.587	0.585	0.394	0.661	0.405	0.359	24
25	0.276B	0.237	0.387	1.11	1.63	1.29	0.561	0.697	0.389	0.614	0.417	0.348	25
26	0.276B	0.236	0.429	1.01	1.81	1.41	0.572	0.735	0.367	0.413	0.390	0.355	26
27	0.263B	0.237	0.487	0.919	1.79	1.24	0.570	0.680	0.364	0.497	0.388	0.348	27
28	0.268B	0.219	0.465	0.874	1.82	1.15	0.565	0.757	0.370	0.435	0.386	0.340	28
29	0.285B		0.443	0.927	1.72	1.13	0.563	0.658	0.349	0.388	0.387	0.333	29
30	0.281		0.429	1.11	1.74	1.09	0.571	0.611	0.348	0.376	0.397	0.335	30
31	0.336		0.430		1.67		0.570	0.584		0.353		0.336	31
TOTAL	9.727	7.219	9.574	27.483	62.49	66.92	23.232	19.934	13.865	12.882	13.447	12.104	TOTAL
MEAN	0.314	0.258	0.309	0.916	2.02	2.23	0.749	0.643	0.462	0.416	0.448	0.390	MEAN
MAX	0.414	0.310	0.487	1.80	4.18	4.12	1.07	1.07	0.578	0.861	0.780	0.545	MAX
MIN	0.275	0.187	0.204	0.314	1.31	1.09	0.570	0.523	0.348	0.304	0.340	0.333	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.764
MAXIMUM DAILY, 4.18 ON MAY 10
MINIMUM DAILY, 0.187 ON FEB 1
MAXIMUM INSTANTANEOUS,
4.93 AT 17:15 MST ON JUN 5

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 12 10 N
LONG 116 31 56 W
DRAINAGE AREA, 57.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	841	JUL	2 010
FEB	624	AUG	1 720
MAR	827	SEP	1 200
APR	2 370	OCT	1 110
MAY	5 400	NOV	1 160
JUN	5 780	DEC	1 050

TOTAL DISCHARGE, 24 100 dam³

DUCK LAKE NEAR SIRDAR - STATION NO. 08NH107

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	531.412	---	---	---	---	---	532.077	---	532.112	---	1
2	---	---	---	---	---	---	---	532.058	---	---	---	---	2
3	---	---	---	---	531.382	---	---	---	---	---	---	---	3
4	532.044	---	---	---	---	---	---	---	---	---	---	---	4
5	532.054	---	---	531.312	---	---	532.088	---	---	532.056	---	---	5
6	---	---	---	---	---	532.022	---	---	---	---	---	532.106	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	531.762	---	---	---	---	---	---	---	---	532.156	---	8
9	---	---	---	---	531.600	---	---	---	---	---	---	---	9
10	---	---	---	---	531.648	---	---	---	---	---	532.180	---	10
11	532.010	---	---	---	---	---	531.948	---	---	---	---	---	11
12	---	---	---	531.284	---	---	---	---	---	532.118	---	---	12
13	---	---	---	---	---	---	---	---	532.080	---	---	---	13
14	---	---	---	---	---	532.182	---	---	---	---	---	---	14
15	---	531.648	531.378	---	---	---	---	---	---	---	532.168	532.180	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	531.676	---	---	---	---	---	---	---	17
18	531.874	---	---	531.288	---	---	532.058	---	---	532.134	---	---	18
19	---	---	---	531.276	---	---	532.080	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	532.074	---	---	532.174	20
21	---	531.548	---	---	---	532.243	---	---	532.082	---	---	---	21
22	---	531.534	---	---	---	532.228	---	---	---	---	532.130	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	531.794	---	---	---	---	---	---	---	24
25	531.952	---	---	---	---	---	---	---	---	532.110	---	---	25
26	---	---	---	531.316	---	---	532.044	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	532.088	---	---	---	27
28	---	---	---	---	---	532.216	---	---	---	---	---	532.068	28
29	---		---	---	---	532.198	---	---	---	---	532.080	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	531.866		---		531.918		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 15 31 N
LONG 116 38 46 W

REGULATED SINCE 1951

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DUNCAN RESERVOIR AT DUNCAN DAM - STATION NO. 08NH127

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	568.576	559.974	550.053	549.539	550.681	558.387	570.153	576.660	576.615	575.068	576.345	576.634	1
2	568.320	559.644	549.848	549.250	550.952	558.718	570.443	576.647	576.611	575.130	576.374	576.605	2
3	568.084	559.331	549.836	548.958	551.228	559.088	570.582	576.618	576.561	575.172	576.416	576.468	3
4	567.818	559.009	549.887	548.677	551.486	559.484	570.817	576.607	576.483	575.211	576.450	576.309	4
5	567.560	558.694	549.904	548.534A	551.733	559.895	571.163	576.588	576.426	575.249	576.481	576.110	5
6	567.292	558.377	549.936	548.250A	552.040	560.408	571.408	576.605	576.360	575.283	576.528	575.908	6
7	567.024	558.063	549.988	548.020A	552.488	560.945	571.656	576.637	576.268	575.320	576.575	575.708	7
8	566.765	557.753	549.997	547.750A	552.948	561.402	571.918	576.682	576.148	575.357	576.617	575.504	8
9	566.514A	557.429	550.017	547.480A	553.414	561.883	572.152	576.685	576.084	575.381	576.683	575.278	9
10	566.211	557.111	549.986	547.200A	553.880	562.387	572.385	576.655	576.040	575.438	576.737	575.039	10
11	565.940	556.775	549.977	547.500A	554.273	562.813	572.651	576.633	576.017	575.508	576.721	574.783	11
12	565.655	556.442	549.955	547.580A	554.625	563.284	572.912	576.627	575.988	575.572	576.680	574.543	12
13	565.378	556.083	549.934	547.640A	554.885	563.784	573.218	576.657	575.962	575.620	576.640	574.281	13
14	565.105	555.754	549.925	547.720A	555.128	564.361	573.527	576.666	575.978	575.655	576.630	574.045	14
15	564.844	555.406	549.913	547.820A	555.367	565.128	573.883	576.636	575.978	575.707	576.638	573.800	15
16	564.573	555.058	549.889	547.970A	555.568	565.781	574.221	576.600	575.838	575.738	576.638	573.538	16
17	564.307	554.723	549.855	548.130A	555.812	566.247	574.543	576.606	575.815	575.766	576.643	573.285	17
18	564.034	554.371	549.838	548.270A	556.040	566.581	574.826	576.603	575.680	575.800	576.653	573.025	18
19	563.754	554.011	549.812	548.400A	556.261	566.882	575.087	576.627	575.528	575.831	576.659	572.767	19
20	563.471	553.642	549.786	548.514A	556.443	567.184	575.400	576.668	575.380	575.870	576.674	572.508	20
21	563.181	553.276	549.760	548.779	556.606	567.428	575.783	576.658	575.234	575.904	576.682	572.248	21
22	562.918	552.905	549.758	548.984	556.755	567.652	576.024	576.668	575.037	575.958	576.682	571.984	22
23	562.630	552.521	549.739	549.212	556.890	567.884	576.142	576.663	575.004	575.988	576.676	571.734	23
24	562.334	552.151	549.721	549.415	557.062	568.180	576.257	576.658	575.002	576.043	576.668	571.473	24
25	562.035	551.748	549.700	549.608	557.212	568.438	576.402	576.664	575.002	576.085	576.657	571.211	25
26	561.745	551.345	549.681	549.782	557.352	568.732	576.537	576.644	575.008	576.134	576.648	570.951	26
27	561.452	550.920	549.656	549.948	557.498	569.058	576.627	576.622	575.015	576.181	576.633	570.698	27
28	561.141	550.472	549.658	550.101	557.630	569.338	576.689	576.625	575.025	576.218	576.629	570.430	28
29	560.858		549.655	550.257	557.763	569.570	576.668	576.630	575.028	576.253	576.628	570.187	29
30	560.561		549.644	550.450	557.910	569.845	576.683	576.632	575.041	576.284	576.632	569.908	30
31	560.277		549.634		558.115		576.668	576.620		576.316		569.630	31
MEAN	564.527	555.465	549.836	548.651	555.033	564.882	573.887	576.639	575.743	575.713	576.611	573.438	MEAN
MAX	568.576	559.974	550.053	550.450	558.115	569.845	576.689	576.688	576.615	576.316	576.737	576.634	MAX
MIN	560.277	550.472	549.634	547.200	550.681	558.387	570.153	576.588	575.002	575.068	576.345	569.630	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MEAN, 565.942
MAXIMUM DAILY, 576.737 ON NOV 10
MINIMUM DAILY, 547.200A ON APR 10
MAXIMUM INSTANTANEOUS,
576.753 AT 16:30 PST ON NOV 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 15 20 N
LONG 116 56 51 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DUNCAN RIVER BELOW B.B. CREEK - STATION NO. 08NH119

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.2	7.608	8.78	8.43	85.3	148	161	128	83.0	26.3	18.8	18.3	1
2	9.99	7.668	7.16	8.30	90.8	169	129	111	71.7	22.3	18.8	18.0	2
3	10.1	7.668	7.67	8.08	83.7	180	117	99.8	62.8	22.2	18.8	19.5	3
4	10.8	7.488	8.02	7.80	82.1	165	122	85.7	59.0	23.3	19.1	19.7	4
5	10.4	7.378	7.82	8.38	103	214	126	87.7	63.7	21.5	18.3	19.0	5
6	9.51	7.398	7.00	9.08	145	264	124	88.4	60.8	19.8	19.8	18.8	6
7	8.73	7.338	6.87	10.3	187	233	132	103	49.3	18.4	19.8	17.8	7
8	8.39	7.328	6.48	10.8	178	218	137	96.0	48.3	19.5	19.9	18.2	8
9	8.18	7.318	6.38	9.91	172	252	114	117	40.2	18.3	27.2	17.8	9
10	9.27	7.308	6.89	10.8	172	225	124	110	37.8	38.4	103	18.9	10
11	8.21	7.338	6.66	12.3	148	231	153	93.5	36.4	26.5	78.1	18.2	11
12	8.21	7.308	7.03	14.8	113	242	147	95.8	38.2	26.5	60.9	18.8	12
13	8.21	7.308	7.27	18.1	85.6	265	162	111	42.6	25.8	41.8	18.9	13
14	8.78	7.088	7.47	24.5	68.9	352	184	84.7	46.4	23.5	37.3	18.9	14
15	8.48	7.23	8.67	37.8	89.2	394	197	80.4	43.8	20.8	32.7	14.4	15
16	8.61	8.31	8.88	38.8	83.4	261	182	70.4	37.1	19.8	31.3	14.2	16
17	7.98	8.86	8.66	33.4	83.9	162	168	82.4	30.3	18.0	28.8	14.4	17
18	8.16	8.33	8.69	33.3	83.8	148	148	89.2	27.9	19.1	27.4	12.8	18
19	8.81	6.04	8.41	37.8	78.3	185	185	80.8	26.1	19.3	27.4	14.8	19
20	8.48	2.82	8.40	38.8	87.8	130	185	78.8	24.8	21.3	28.4	15.2	20
21	8.14	8.808	8.87	50.8	82.1	106	163	88.8	26.9	24.8	28.3	14.2	21
22	8.48	8.888	8.84	85.8	84.8	108	138	124	32.3	27.4	28.7	14.8	22
23	7.98	8.808	8.88	83.3	82.3	124	121	80.8	38.3	24.7	24.8	15.4	23
24	8.81	8.808	8.86	81.2	84.0	134	120	72.8	38.8	31.2	24.9	15.2	24
25	8.808	8.808	8.88	48.4	88.3	135	114	88.0	38.8	28.1	24.8	14.8	25
26	8.788	8.408	7.32	46.3	89.2	167	115	88.2	38.3	24.7	22.7	14.0	26
27	8.808	8.388	8.03	46.0	88.4	159	130	89.9	40.2	24.1	21.8	13.4	27
28	8.50	8.358	9.05	46.8	87.8	121	141	84.7	35.8	22.7	21.3	13.4	28
29	8.34		8.77	83.3	82.2	119	127	78.8	36.4	20.8	20.8	13.2	29
30	8.008		8.81	87.8	78.1	144	126	83.1	33.9	21.3	20.0	12.8	30
31	7.888		8.70		108		128	88.7		18.8		12.7	31
TOTAL	278.41	186.86	224.87	697.88	2 884.8	5 744	4 278	2 723.3	1 248.8	722.8	801.3	487.2	TOTAL
MEAN	8.81	8.88	7.24	28.8	86.3	181	141	87.8	41.7	23.3	28.8	15.7	MEAN
MAX	10.8	7.88	8.88	87.8	187	384	197	128	71.7	38.4	103	18.7	MAX
MIN	7.88	2.82	8.38	7.88	87.8	108	114	88.2	24.8	18.8	18.3	12.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 88.8
MAXIMUM DAILY, 384 ON JUN 18
MINIMUM DAILY, 2.82 ON FEB 28
MAXIMUM INSTANTANEOUS,
483 AT 83:38 PST ON JUN 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 88 38 17 N
LONG 117 82 88 W
DRAINAGE AREA, 1 338 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	24 188	JUL	378 888
FEB	18 288	AUG	338 888
MAR	18 488	SEP	188 888
APR	77 888	OCT	82 888
MAY	384 888	NOV	77 888
JUN	488 888	DEC	42 188

TOTAL DISCHARGE, 1 788 888 dam³

DUNCAN RIVER BELOW DUNCAN DAM - STATION NO. 08NH128

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	228	230	188	88.8	3.48	3.11	3.11	218	188	3.11	3.11	31.7	1
2	230	230	78.8	148	2.83	3.11	3.11	215	147	3.11	3.11	88.7	2
3	229	228	2.83	138	2.83	3.11	3.11	178	188	3.11	3.11	148	3
4	230	227	2.83	122	2.83	3.11	3.11	181	178	3.11	3.11	288	4
5	230	228	2.83	112	3.11	2.83	2.83	182	178	3.11	3.11	288	5
6	228	227	2.83	112	3.11	2.83	2.83	143	178	3.11	3.11	288	6
7	228	228	2.83	118	3.48	2.83	2.83	143	178	3.11	3.11	218	7
8	228	228	2.83	111	3.48	3.11	2.83	188	178	3.11	3.11	288	8
9	228	228	18.4	112	3.48	3.11	3.11	224	114	3.11	32.8	238	9
10	238	227	38.8	83.8	3.11	2.83	3.11	213	88.4	3.11	188	248	18
11	228	228	38.8	2.83	2.83	2.83	3.11	178	88.4	3.11	188	248	11
12	228	228	27.8	2.83	2.83	2.83	3.11	188	88.4	3.11	117	238	12
13	228	228	27.8	2.83	2.83	2.83	3.11	188	88.4	2.83	78.8	238	13
14	228	228	27.8	2.83	2.83	2.83	3.11	141	88.4	2.83	88.2	238	14
15	238	228	27.8	3.11	2.83	2.83	3.11	178	88.4	2.83	48.8	238	15
16	238	228	27.8	3.11	2.83	3.11	3.11	128	138	2.83	48.8	238	16
17	238	228	27.8	3.11	2.83	3.11	3.11	188	188	2.83	42.2	238	17
18	228	228	27.8	3.11	2.83	3.11	3.11	88.7	178	2.83	38.2	238	18
19	228	231	27.8	3.11	2.83	3.11	3.11	87.4	178	2.83	38.2	238	19
28	228	228	27.8	3.11	2.83	2.83	2.83	132	188	2.83	43.8	238	28
21	238	227	27.8	3.48	2.83	2.83	3.88	181	188	2.83	88.8	238	21
22	238	228	27.5	3.48	2.83	2.83	71.4	214	188	2.83	48.8	238	22
23	238	238	27.8	3.48	2.83	2.83	118	178	88.3	2.83	48.3	238	23
24	238	227	27.2	3.48	2.83	2.83	88.1	122	88.3	3.48	84.1	248	24
25	238	227	27.2	3.48	2.83	2.83	88.7	134	88.3	2.83	48.8	248	25
26	228	228	27.2	3.48	3.11	2.83	81.2	143	88.3	2.83	48.8	238	26
27	238	227	28.8	3.48	3.11	3.11	124	121	88.3	3.11	48.8	248	27
28	228	227	28.8	3.48	3.11	3.11	228	128	88.3	3.11	38.2	238	28
29	238		28.8	3.11	3.11	3.11	224	111	88.3	3.11	33.1	248	29
38	228		28.8	3.11	3.11	3.11	281	186	24.8	3.11	31.7	248	38
31	228		28.8		3.11		288	188		3.11		248	31
TOTAL	7 888	6 384	874.78	1 173.88	82.83	88.82	1 474.88	4 758.1	3 484.1	83.88	1 348.78	8 888.4	TOTAL
MEAN	228	228	28.2	38.1	2.88	2.88	47.8	153	118	3.88	48.8	221	MEAN
MAX	238	231	188	148	3.48	3.11	234	238	178	3.48	188	248	MAX
MIN	228	228	2.83	2.83	2.83	2.83	2.83	88.7	24.8	2.83	3.11	31.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 83.4
MAXIMUM DAILY, 248 ON DEC 18
MINIMUM DAILY, 2.83 ON MAR 3

DATA CONTRIBUTED BY -
BRITISH COLUMBIA HYDRO AND POWER AUTHORITY

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 88 18 88 N
LONG 118 88 81 W

REGULATED SINCE 1887

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	813 888	JUL	127 888
FEB	552 888	AUG	418 888
MAR	78 888	SEP	382 888
APR	181 888	OCT	8 848
MAY	7 858	NOV	117 888
JUN	7 878	DEC	882 888

TOTAL DISCHARGE, 3 818 888 dam³

DUNCAN RIVER BELOW LARDEAU RIVER - STATION NO. 08NH118

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	258	243E	122 E	107	76.9	118	145	286	188	32.7	28.4	65.2	1
2	260	243E	18.0E	149	87.1	140	142	285	209	31.7	28.1	134	2
3	261	243E	17.2B	147	90.2	154	135	259	232	31.0	28.5A	224	3
4	261	243E	17.0B	129	91.6	164	130	235	231	30.1	29.3E	260	4
5	259	243E	17.3	121	102	176	130	223	239	28.8	29.0E	260	5
6	260	243E	17.1	121	119	202	128	210	232	28.4	30.0E	260	6
7	258	243E	17.3	121	143	211	123	211	226	26.7	30.0E	248	7
8	258	242E	17.3	119	161	207	124	233	228	26.8	31.6A	249	8
9	259	242E	30.7	114	168	223	118	277	185	26.1	62.5	270	9
10	261	242E	40.3	64.0	188	216	118	268	128	30.0	217	279	10
11	259	241E	40.5	25.1	188	218	113	246	128	31.1	288	280	11
12	259	241E	40.7	28.0	152	220	112	223	124	33.2	181	278	12
13	259	241E	41.0	28.0	140	227	118	224	124	32.7	138	278	13
14	259	241E	41.3	30.8	131	249	118	245	122	31.8	112	277	14
15	259	241E	40.4	38.7	128	284	121	235	120	30.6	98.2	276	15
16	258	241E	40.3	42.0	124	274	124	190	179	28.6	86.2	278	16
17	259	241E	40.7	40.6	120	240	117	188	213	28.2	88.3	279	17
18	260	241E	38.8	40.7	118	215	109	169	212	28.6	81.4	278	18
19	259	241E	38.6	43.8	111	208	108	164	211	28.8	80.0	278 A	19
20	259	241E	38.9	48.9	106	194	109	151	210	28.9	68.5	258 E	20
21	260	241E	38.8	63.5	88.8	173	114	224	208	30.0	103	260 E	21
22	258	241E	40.6	57.4	85.5	161	171	288	209	30.7	93.2	261 E	22
23	258	241E	41.4	56.9	82.7	157	203	261	132	30.1	86.7	261 E	23
24	257	241E	41.0	58.7	81.9	157	188	184	88.4	32.3	95.2	261 E	24
25	258	241E	40.9	66.1	87.9	158	141	195	89.3	32.0	88.4	260 E	25
26	258	241E	41.2	66.9	87.0	161	188	205	88.5	31.1	87.2	260 E	26
27	258	241E	41.9	66.6	84.2	167	213	195	88.8	30.7	77.7	260 E	27
28	257	241E	42.7	69.0	82.6	150	307	188	88.1	30.3	72.1	259 E	28
29	257		42.5	81.3	83.2	141	319	176	87.4	29.5	66.5	260 E	29
30	258		42.7	65.5	88.4	142	283	169	54.7	29.3	66.3	260 E	30
31	259		43.3		96.6		290	188		29.8		259 E	31
TOTAL	8 024	6 765	1 177.3	2 146.7	3 470.9	5 715	4 805	6 790	4 835.6	939.6	2 580.4	7 844.2	TOTAL
MEAN	259	242	38.0	71.6	112	191	155	219	161	30.3	86.0	253	MEAN
MAX	261	243	122	149	188	284	319	286	239	33.2	288	280	MAX
MIN	257	241	17.0	25.1	76.9	118	108	148	54.7	28.1	28.1	65.2	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 181
MAXIMUM DAILY, 319 ON JUL 29
MINIMUM DAILY, 17.0B ON MAR 4
MAXIMUM INSTANTANEOUS,
368 AT 08:29 PST ON JUL 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 13 58 N
LONG 116 57 18 W
DRAINAGE AREA, 4 070 km^2
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	693 000	JUL	415 000
FEB	584 000	AUG	587 000
MAR	102 000	SEP	418 000
APR	186 000	OCT	81 200
MAY	300 000	NOV	223 000
JUN	494 000	DEC	678 000

TOTAL DISCHARGE, 4 780 000 dam^3

DUTEAU CREEK NEAR LAVINGTON - STATION NO. 08LC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.363	0.178	0.228	0.264	1.87	2.04	0.884	0.171	0.334	0.186	0.188	0.312	1
2	0.485	0.168B	0.228	0.289	1.63	2.02	0.830	0.398	0.881	0.213	0.201	0.387	2
3	0.353	0.180B	0.222	0.251	1.50	1.95	0.828	0.873	0.805	0.188	0.221	0.368	3
4	0.272	0.220B	0.261	0.288	1.30	1.79	0.478	0.533	0.684	0.186	0.310	0.346	4
5	0.290	0.248B	0.262	0.300	1.10	1.61	0.346	0.388	0.649	0.186	0.284	0.303	5
6	0.240	0.220B	0.234	0.342	0.987	1.38	0.238	0.302	0.585	0.232	0.288	0.303	6
7	0.206	0.218B	0.210	0.306	0.798	1.24	0.163	0.257	0.561	0.242	0.274	0.287	7
8	0.206	0.213B	0.197	0.418	0.624	0.871	0.328	0.344	0.682	0.233	0.287	0.306	8
9	0.213	0.210B	0.185	0.447	0.488	0.782	0.343	0.531	0.627	0.210	0.278	0.303	9
10	0.366	0.210B	0.182	0.488	0.833	0.824	0.361	0.407	0.502	0.284	0.388	0.282	10
11	0.405	0.220B	0.187	0.983	1.09	0.328	0.314	0.172	0.473	0.204	0.483	0.137	11
12	0.390	0.218B	0.185	0.720	1.00	0.218	0.188	0.218	0.418	0.128	0.428	0.889	12
13	0.369	0.208B	0.222	0.833	0.737	0.431	0.132	0.283	0.384	0.120	0.367	0.488	13
14	0.353	0.208B	0.214	1.44	0.638	0.763	0.160	0.407	0.352	0.124	0.318	0.370	14
15	0.359	0.210B	0.207	2.48	0.827	0.783	0.734	0.678	0.339	0.121	0.308	0.308	15
16	0.377	0.222	0.207	2.73	1.78	0.313	0.730	0.684	0.385	0.126	0.428	0.287	16
17	0.461	0.224	0.208	2.84	2.40	0.381	0.828	0.614	0.400	0.136	0.365	0.260	17
18	0.438	0.220	0.208	2.78	3.48	0.390	0.343	0.481	0.400	0.138	0.342	0.313	18
19	0.400	0.255	0.204	3.28	3.78	0.888	0.201	0.621	0.788	0.137	0.367	0.263	19
20	0.374	0.249	0.188	3.21	3.63	0.678	0.128	0.479	0.188	0.143	0.384	0.304	20
21	0.389	0.230	0.188	3.08	3.33	0.478	0.238	0.649	0.173	0.142	0.338	0.184	21
22	0.307	0.240	0.187	2.98	2.99	0.888	0.215	0.371	0.148	0.157	0.223	0.300	22
23	0.282	0.242	0.180	2.33	3.20	0.408	0.186	0.303	0.128	0.169	0.326	0.268	23
24	0.281	0.223	0.179	2.22	3.70	0.323	0.128	0.281	0.118	0.176	0.318	0.268	24
25	0.424	0.217	0.208	2.18	3.78	0.282	0.136	0.315	0.114	0.188	0.288	0.282	25
26	0.378	0.230	0.223	1.98	3.65	0.187	0.124	0.320	0.166	0.176	0.183	0.281	26
27	0.334	0.228	0.231	1.80	3.31	0.142	0.142	0.280	0.152	0.187	0.575	0.250	27
28	0.314	0.228	0.242	1.74	2.96	0.218	0.182	0.384	0.128	0.181	0.353	0.263	28
29	0.317		0.248	1.67	2.64	0.338	0.136	0.188	0.128	0.167	0.330	0.238	29
30	0.314		0.280	1.68	2.24	0.424	0.128	0.182	0.163	0.184	0.284	0.233	30
31	0.269		0.288		2.01		0.134	0.282		0.187		0.234	31
TOTAL	10.374	6.138	6.646	45.380	63.711	22.306	9.284	11.487	10.372	5.374	9.552	9.133	TOTAL
MEAN	0.335	0.219	0.214	1.51	2.06	0.744	0.300	0.370	0.346	0.173	0.318	0.295	MEAN
MAX	0.461	0.255	0.286	3.28	3.78	2.04	0.724	0.678	0.806	0.284	0.575	0.889	MAX
MIN	0.206	0.168	0.179	0.251	0.488	0.142	0.128	0.155	0.114	0.120	0.183	0.137	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.575
MAXIMUM DAILY, 3.78 ON MAY 25
MINIMUM DAILY, 0.114 ON SEP 25
MAXIMUM INSTANTANEOUS,
3.92 AT 04:15 PST ON MAY 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 11 51 N
LONG 118 02 04 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	896	JUL	802
FEB	530	AUG	991
MAR	574	SEP	896
APR	3 920	OCT	464
MAY	5 500	NOV	825
JUN	1 930	DEC	789

TOTAL DISCHARGE, 18 100 dam^3

EAGLE RIVER NEAR MALAKWA - STATION NO. 08LE024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.84	5.58	5.77	16.2	89.5	117	78.2E	27.6	34.8	12.0	15.7	17.8	1
2	8.98	5.30	5.66	15.5	93.5	129	68.2E	33.5	43.3	11.1	16.4	17.4	2
3	9.07	3.80B	5.15	15.0	86.7	131	59.8E	58.5	43.5E	11.0	16.5	17.7	3
4	9.17	3.65B	5.51	14.3	85.7	134	57.0E	42.1	37.7E	10.8	26.3	20.6	4
5	8.77	3.80B	5.84	15.2	88.7	143	52.3	33.4	38.6E	10.5	24.9	21.3	5
6	8.89	4.10B	6.46	16.1	125	155	48.5	30.0	35.2	9.76	26.6	20.7	6
7	8.18	4.80B	6.46	19.0	144	136	47.1	28.9	32.0E	10.3	28.2	19.8	7
8	8.57	4.80B	6.32	19.0	140	123	47.8	26.6	30.4E	9.76	27.2E	20.1	8
9	6.63	4.80B	6.32	18.4	142	125	42.8	30.0	25.8E	9.72	82.4	19.4	9
10	7.58	4.80B	6.35	18.7	184	116	40.8	25.9	24.7E	14.8	108	18.5	10
11	8.45	4.80B	6.83	20.0	147	111	41.5	23.8	23.4E	15.8	90.3	17.1	11
12	8.36	4.90B	8.16	22.7	102	116	40.5	23.5	22.0E	15.7	86.8E	16.9	12
13	8.30	5.00B	10.1	27.2	77.5	119	45.5	25.0	21.7E	15.8	81.8E	16.4	13
14	8.18	5.25B	12.1	35.7	88.4	161	45.5	24.2	21.7E	16.2	43.8E	15.9	14
15	8.08	5.20B	10.9	50.7	86.6	179	60.0	38.6	21.8E	14.9	36.7	15.1	15
16	8.29	5.20B	10.0	52.1	73.1	127	86.4	36.3	20.7	13.3	34.1	14.6	16
17	8.48	5.50B	9.36	47.2	80.0	98.9	62.3	43.8	21.4	12.5	30.9	14.0	17
18	8.46	5.50B	8.21	44.3	77.4	83.2	48.5	31.6	19.4	12.2	29.8	13.8	18
19	8.11	5.30B	8.01	50.2	69.9	89.5	45.0	26.7	17.9	12.2	28.8	12.4A	19
20	7.92	5.80B	9.05	61.0	60.5	83.3	45.9	26.0	17.5	12.0	28.9	13.1E	20
21	7.80	5.70B	8.62	70.8	55.3	72.7	42.8	45.4	16.5	14.0	29.5	11.5E	21
22	7.84	5.17B	10.8	61.1	51.6	71.2	33.9	58.1	15.8E	17.4	27.1	10.9E	22
23	6.47	5.80B	11.4	52.3	54.0	72.7E	31.0	49.2	15.8E	17.4	26.0	11.6E	23
24	5.00B	5.55B	11.2	48.6	60.8	72.3E	30.2	38.4	15.5E	29.1	25.1	12.4A	24
25	5.50B	5.55B	11.8	48.0	57.4	69.4E	28.4	33.1	14.6E	28.8	24.1	12.3A	25
26	5.20B	5.80B	14.3	48.8	55.8	86.3E	27.7	30.1	15.1	23.7	22.4	12.0A	26
27	5.00B	5.60B	16.6	49.0	54.4	81.1E	28.0	27.7	14.5	23.8	21.4	11.7A	27
28	5.70B	5.40B	17.8	50.3	54.2	55.8E	32.9	27.1	13.8	21.0	20.7	11.3A	28
29	7.08		~17.7	58.9	60.9	63.5E	29.5	29.4	14.2	19.2	19.9	11.2A	29
30	7.26		17.0	71.9	72.0	60.6E	28.9	32.3	14.1	18.5	18.6	11.0A	30
31	7.76		16.8		84.2		30.0	34.7E		17.0		10.8A	31
TOTAL	238.58	142.36	312.37	1 140.6	2 865.5	3 194.7	1 368.4	1 043.8	704.0	480.26	1 012.0	487.7	TOTAL
MEAN	7.70	5.08	10.1	38.0	86.0	106	44.1	33.7	23.5	15.5	33.7	15.1	MEAN
MAX	9.17	6.17	17.8	71.9	184	161	78.2	58.5	43.5	29.1	108	21.2	MAX
MIN	5.20	3.65	5.84	14.3	51.6	53.5	27.7	23.5	13.8	9.72	15.4	10.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 35.0
MAXIMUM DAILY, 161 ON JUN 14
MINIMUM DAILY, 3.65B ON FEB 4
MAXIMUM INSTANTANEOUS,
220 AT 21:36 PST ON JUN 14

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 56 16 N
LONG 118 47 58 W
DRAINAGE AREA, 804 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	20 600	JUL	118 000
FEB	12 300	AUG	90 200
MAR	27 000	SEP	60 800
APR	98 500	OCT	41 500
MAY	230 000	NOV	87 400
JUN	276 000	DEC	40 400

TOTAL DISCHARGE, 1 100 000 dam³

EAST CANOE CREEK ABOVE DAM - STATION NO. 08LE108

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.039	0.033B	0.024	0.063	0.638	0.341	0.172	0.088	0.078	0.035	0.035	0.038	1
2	0.041	0.033B	0.025	0.066	0.826	0.315	0.157	0.084	0.134	0.036	0.035	0.038	2
3	0.042	0.031B	0.024	0.064	0.745	0.287	0.148	0.084	0.113	0.038	0.038	0.038	3
4	0.043	0.030B	0.024	0.064	0.654	0.280	0.135	0.087	0.100	0.038	0.051	0.040	4
5	0.043	0.030B	0.023	0.072	0.620	0.286	0.126	0.081	0.101	0.034	0.081	0.039	5
6	0.042	0.028B	0.023	0.087	0.595	0.246	0.119	0.078	0.090	0.033	0.054	0.040	6
7	0.041	0.026B	0.022	0.118	0.557	0.228	0.115	0.088	0.083	0.033	0.054	0.040	7
8	0.041	0.024B	0.022	0.128	0.508	0.218	0.115	0.087	0.078	0.032	0.049	0.041	8
9	0.039	0.024B	0.023	0.132	0.482	0.207	0.112	0.085	0.073	0.033	0.051	0.040	9
10	0.039	0.024B	0.024	0.145	0.538	0.192	0.112	0.085	0.070	0.038	0.055	0.039	10
11	0.038	0.024B	0.025	0.188	0.511	0.185	0.113	0.083	0.085	0.037	0.055	0.033	11
12	0.037	0.024B	0.027	0.238E	0.435	0.179	0.107	0.088	0.084	0.036	0.054	0.036	12
13	0.036	0.023B	0.030	0.288E	0.381	0.182	0.103	0.088	0.083	0.039	0.049	0.035	13
14	0.036	0.023B	0.036	0.362	0.356	0.276	0.100	0.089	0.080	0.044	0.047	0.036	14
15	0.036	0.022B	0.036	0.399	0.330	0.266	0.149	0.075	0.088	0.041	0.046	0.036	15
16	0.037	0.022B	0.036	0.423	0.323	0.235	0.162	0.082	0.087	0.039	0.044	0.035	16
17	0.036	0.022B	0.032	0.403	0.384	0.213	0.122	0.111	0.078	0.037	0.044	0.035	17
18	0.036	0.022B	0.032	0.389	0.484	0.192	0.111	0.087	0.068	0.038	0.044	0.033	18
19	0.038	0.022B	0.033	0.482	0.488	0.186	0.107	0.080	0.063	0.038	0.043	0.034	19
20	0.038	0.022B	0.033	0.566	0.476	0.182	0.103	0.084	0.069	0.035	0.048	0.035	20
21	0.038	0.022B	0.038	0.884	0.458	0.173	0.097	0.082	0.061	0.034	0.048	0.033	21
22	0.037	0.024	0.038	0.844	0.416	0.165	0.093	0.082	0.044	0.035	0.044	0.034	22
23	0.036B	0.024	0.038	0.581	0.432	0.148	0.090	0.082	0.043	0.036	0.043	0.036	23
24	0.036B	0.024	0.038	0.547	0.534	0.188	0.088	0.082	0.041	0.041	0.042	0.035	24
25	0.036B	0.026	0.039	0.557	0.610	0.182	0.082	0.076	0.040	0.040	0.043	0.034	25
26	0.035	0.026	0.042	0.586	0.576	0.165	0.079	0.089	0.039	0.039	0.041	0.034	26
27	0.034	0.026	0.050	0.605	0.543	0.139	0.079	0.085	0.038	0.040	0.040	0.035	27
28	0.034	0.035	0.052	0.629	0.486	0.137	0.082	0.082	0.037	0.045	0.041	0.035	28
29	0.033		0.054	0.669	0.432	0.135	0.077	0.089	0.035	0.042	0.038	0.035	29
30	0.033B		0.055	0.760	0.389	0.142	0.071	0.088	0.035	0.038	0.038	0.035	30
31	0.033B		0.058		0.371		0.070	0.072		0.037		0.035	31
TOTAL	1.184	0.706	1.068	10.838	15.764	6.181	3.271	2.343	1.882	1.168	1.381	1.124	TOTAL
MEAN	0.038	0.025	0.034	0.385	0.509	0.206	0.106	0.076	0.068	0.037	0.045	0.036	MEAN
MAX	0.043	0.033	0.058	0.760	0.838	0.341	0.172	0.111	0.134	0.048	0.055	0.041	MAX
MIN	0.033	0.022	0.022	0.063	0.333	0.135	0.070	0.068	0.035	0.032	0.038	0.033	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.129
MAXIMUM DAILY, 0.838 ON MAY 1
MINIMUM DAILY, 0.022B ON FEB 15
MAXIMUM INSTANTANEOUS,
0.877 AT 23:50 PST ON MAY 1

DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 41 48 N
LONG 118 11 41 W
DRAINAGE AREA, 30.8 km²
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	101	JUL	281
FEB	60.8	AUG	202
MAR	91.2	SEP	170
APR	845	OCT	86.9
MAY 1	380	NOV	118
JUN	634	DEC	97.1

TOTAL DISCHARGE, 4 070 dam³

ELAHO RIVER NEAR THE MOUTH - STATION NO. 08GA071

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.6 B	32.3 B	6.808	18.1	159	249	148	263	135	79.3	30.3	28.7	1
2	13.6 B	20.0 B	6.838	17.6	158	295	135	210	128	57.3	29.0	74.4	2
3	13.5 B	17.0 B	6.808	16.8	159	293	147	192	116	51.1	57.2	180	3
4	13.4 B	15.0 B	6.708	16.8	157	289	143	183	130	49.8	108	229	4
5	13.2 B	12.0 B	6.858	16.3	167	304	121	209	116	52.7	58.3	112	5
6	13.0 B	10.5 B	6.008	26.5	186	288	118	214	108	57.7	57.0	82.2	6
7	12.9 B	10.0 B	6.508	36.6	203	244	126	220	131	63.8	52.2	87.0	7
8	12.9 B	9.408	7.008	32.1	206	241	130	210	144	61.5	55.6	88.6	8
9	12.8 B	8.508	8.008	28.6	193	221	124	191	116	59.4	497	80.4	9
10	12.8 B	8.208	11.0 B	29.6	178	222	157	153	98.1	118	512	41.2	10
11	12.7 B	9.108	15.6	40.5	130	249	178	127	102	84.2	180	36.5	11
12	13.0 B	9.008	19.5	53.5	97.0	268	192	116	122	120	108	33.4	12
13	14.5	8.808	18.3	62.5	68.1	267	216	136	130	83.8	83.1	31.1	13
14	13.7	8.408	15.4	91.5	98.2	327	225	150	128	46.4	57.2	30.2	14
15	12.8	8.808	13.8	108	117	237	220	118	120	36.4	54.8	29.3	15
16	13.3	8.008	12.7	88.0	134	180	202	132	109	29.4	49.2	27.7	16
17	17.2	8.108	12.2	61.6	161	152	180	159	89.5	50.5	43.5	24.2	17
18	17.8	9.308	11.8	61.7	112	133	178	191	61.1	404	47.6	24.1	18
19	18.5	8.508	11.4	77.2	82.5	120	182	198	54.2	182	108	23.5	19
20	16.2	10.0 B	11.6	118	70.1	108	178	193	58.0	111	106	22.3	20
21	14.0 B	10.8	12.5	115	85.7	101	167	270	71.7	115	87.1	21.4	21
22	13.0 B	12.0	14.4	73.7	66.1	114	145	218	90.8	112	80.1	20.8	22
23	11.0 B	13.8	14.5	63.7	85.3	176	143	144	102	130	81.7	22.3	23
24	10.0 B	14.3	14.1	69.4	61.6	220	140	136	100	142	68.1	27.8	24
25	9.808	13.0 e	14.0	81.4	71.2	259	157	145	101	92.9	42.3	27.2	25
26	9.808	10.5 B	15.3	88.1	89.4	250	182	143	109	101	37.3	26.6	26
27	10.0 B	9.508	20.2	88.2	95.2	183	188	134	95.9	73.7	34.5	29.6	27
28	11.0 B	7.508	24.6	102	95.6	123	177	132	108	52.3	31.5	27.2	28
29	13.0		20.8	131	108	107	167	137	111	42.9	32.0	24.1	29
30	87.7		19.2	152	150	143	195	138	114	38.0	30.9	22.6	30
31	92.0 B		18.2		208		235	163		33.3		22.3	31
TOTAL	539.80	328.40	389.18	1 982.3	3 931.8	6 357	5 206	5 341	3 194.3	2 717.6	2 789.6	1 481.1	TOTAL
MEAN	17.4	11.7	12.8	85.4	127	212	168	172	106	87.7	93.3	47.8	MEAN
MAX	92.0	32.3	24.6	152	208	327	235	270	144	404	512	229	MAX
MIN	9.80	7.80	9.88	18.6	81.8	101	118	118	84.2	28.4	28.0	20.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 83.8
MAXIMUM DAILY, 512 ON NOV 10
MINIMUM DAILY, 9.858 ON MAR 5
MAXIMUM INSTANTANEOUS,
858 AT 22:54 PST ON NOV 9

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 07 10 N
LONG 123 38 10 W
DRAINAGE AREA, 1 350 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	48 600	JUL	450 000
FEB	38 400	AUG	461 000
MAR	34 500	SEP	276 000
APR	170 000	OCT	235 000
MAY	340 000	NOV	238 000
JUN	549 000	DEC	128 000

TOTAL DISCHARGE, 2 880 000 dam³

ELK RIVER AT FERNIE - STATION NO. 08NK002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.0 B	10.2 B	9.008	15.3	56.6	90.0	78.7	35.6	33.4	20.6	20.6	20.7	1
2	11.9 B	7.288	8.828	14.9	73.8	120	76.7	35.6	38.2	20.7	19.6	21.2	2
3	12.5 B	8.808	7.848	14.1	78.6	144	71.6	37.4	38.1	21.0	18.7	21.0	3
4	13.0 B	8.008	7.888	14.0	78.6	155	67.0	38.2	38.6	20.7	20.4	22.9	4
5	13.5 B	8.208	8.408	14.4	81.8	168	63.6	34.3	37.1	20.3	19.6	24.3	5
6	13.8 B	8.808	8.808	15.0	104	187	61.6	33.3	38.0	20.0	20.0	22.8	6
7	13.5 B	9.008	10.0 B	20.2	142	214	59.6	32.0	37.3	19.2	20.7	21.9	7
8	10.7 B	8.858	10.2 B	20.4	161	212	58.3	31.8	37.0	19.4	20.1	22.1	8
9	10.3 B	8.758	10.6 B	18.7	168	204	57.2	32.6	36.8	18.8	21.7	21.6	9
10	9.808	9.008	10.8 B	18.0	179	197	57.8	33.4	36.1	19.0	40.1	20.7	10
11	9.808	8.858	11.2 B	20.2	171	182	58.6	31.8	33.8	19.4	88.8	20.08	11
12	9.328	8.808	11.8 B	21.0	148	167	55.4	31.4	32.4	20.2	80.0	18.88	12
13	10.4 B	8.758	11.7 B	22.3	132	155	57.3	30.7	31.1	21.8	61.4	17.08	13
14	11.1 B	8.858	11.7 B	25.7	116	170	58.7	30.1	30.0	23.1	38.7	17.28	14
15	11.3 B	8.908	11.4 B	32.8	108	188	61.0	29.7	28.8	22.1	32.1	18.38	15
16	11.7 B	9.008	11.2 B	36.8	110	188	60.7	29.2	27.8	21.0	30.2	18.88	16
17	11.8 B	8.828	10.8 B	35.1	115	186	59.7	28.1	27.3	21.0	28.5	18.7	17
18	12.5 B	8.808	10.3 B	33.2	114	137	57.1	28.3	28.8	20.4	28.5	18.3	18
19	12.2 B	8.988	10.0 B	37.4	104	124	53.6	27.3	26.7	19.9	28.0	18.88	19
20	11.8 B	9.008	10.2 B	48.1	93.7	113	51.6	26.9	25.8	20.3	28.7	14.68	20
21	11.7 B	9.178	10.8 B	81.8	88.5	100	51.2	27.4	24.5	25.3	31.4	13.88	21
22	10.8 B	9.208	10.8 B	71.7	84.3	91.8	51.7	27.5	24.0	27.4	29.7	12.78	22
23	10.0 B	9.258	11.2 B	67.0	82.3	87.0	49.9	27.5	23.3	25.7	27.5	13.08	23
24	9.258	9.408	11.0 B	60.0	81.4	83.6	48.6	28.7	22.7	25.2	26.9	14.08	24
25	8.208	9.458	11.0 B	54.8	86.1	81.2	44.4	29.9	22.3	24.2	26.1	15.48	25
26	8.828	9.308	11.3 B	50.3	81.0	88.8	42.8	31.1	22.0	23.4	24.0	17.08	26
27	9.448	9.258	11.8 B	48.8	77.8	86.7	41.5	34.8	21.4	22.6	23.1	17.38	27
28	10.1 B	9.338	12.0 B	44.3	75.8	85.6	40.3	36.3	21.3	22.6	22.8	17.18	28
29	10.8 B		14.6 B	43.4	72.6	81.8	39.3	36.9	21.3	21.8	22.6	16.88	29
30	11.8 B		15.3	47.3	70.2	80.0	38.2	38.2	21.1	21.4	22.0	16.48	30
31	13.2 B		15.8		72.5		37.4	34.8		21.2		16.38	31
TOTAL	346.07	240.21	336.42	1 026.2	3 228.7	4 126.3	1 716.2	949.0	878.5	689.9	882.4	570.1	TOTAL
MEAN	11.2	8.58	10.8	34.2	104	138	55.4	31.8	29.3	21.8	28.4	18.4	MEAN
MAX	13.8	10.2	15.8	71.7	179	214	78.7	37.4	38.1	27.4	88.8	24.3	MAX
MIN	8.20	8.00	7.88	14.0	56.6	80.0	37.4	28.8	21.1	18.8	18.7	12.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 41.1
MAXIMUM DAILY, 214 ON JUN 7
MINIMUM DAILY, 8.008 ON FEB 4
MAXIMUM INSTANTANEOUS,
216 AT 12:58 MST ON JUN 7

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 35 N
LONG 115 04 17 W
DRAINAGE AREA, 3 110 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	29 800	JUL	148 000
FEB	20 800	AUG	85 400
MAR	25 300	SEP	75 900
APR	84 700	OCT	57 900
MAY	278 000	NOV	73 600
JUN	357 000	DEC	48 300

TOTAL DISCHARGE, 1 390 000 dam³

ELK RIVER AT PHILLIPS BRIDGE - STATION NO. 08NK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.3B	16.5	14.6B	24.3	119	145	108	44.6	46.7	26.6	27.6	38.7	1
2	17.4B	12.0B	13.9B	22.6	151	198	105	44.6	55.2	28.4	26.6	36.9	2
3	17.6B	10.4B	13.2B	20.9	181	227	95.5	45.6	60.7	28.0	27.6	37.4	3
4	16.0B	10.7B	13.8B	19.7	169	244	86.7	44.4	66.0	25.3	33.3	46.7	4
5	16.6B	11.2B	16.8B	20.6	169	266	82.7	42.6	55.0	25.3	33.4	61.2	5
6	19.7B	13.0B	16.0B	24.9	212	309	79.7	41.3	65.7	24.9	32.2	55.0	6
7	17.6B	13.8B	17.1B	42.0	282	342	76.3A	39.7	62.4	23.8	33.6	50.5	7
8	15.7B	15.0B	17.5B	45.4	316	330	76.6	38.7	52.3	23.5	31.4	46.7	8
9	15.2B	15.1B	17.7B	40.4	321	323	74.1	38.6	50.3	22.6	42.7	47.3	9
10	14.5B	15.0B	18.0B	37.9	326	306	74.5	40.9	49.1	22.7	181	42.7	10
11	13.6B	14.6B	18.7B	36.7	307	281	76.9	39.5	46.6	24.9	272	33.5	11
12	13.6B	15.0B	18.4B	42.0	283	260	71.2	36.2	44.6	24.5	180	32.2	12
13	14.0B	15.0B	18.6B	47.2	223	249	72.1	38.4	42.6	29.0	130	35.6	13
14	14.6B	15.0B	16.4B	56.9	182	257	83.7	38.0	40.6	34.9	86.2	35.6	14
15	16.9B	14.9B	16.3	77.4	176	255	77.3	36.9	39.0	32.2	80.9	36.2	15
16	17.3B	14.6B	17.4	104	183	250	76.5	36.1	37.3	30.3	70.5	35.3	16
17	16.0B	14.7B	16.5	85.1	189	227	75.4	35.6	36.5	27.5	64.3	33.2	17
18	14.4B	14.7B	16.3	75.0	197	202	71.6	34.6	35.6	26.4	59.2	32.6	18
19	14.2	15.0B	16.6	78.6	180	188	67.6	33.6	35.1	25.4	60.6	33.6	19
20	17.5	16.1B	19.9	105	158	172	65.5	33.3	34.4	26.9	67.9	33.4	20
21	18.1	15.2B	17.0	189	144	151	63.4	34.7	33.9	39.5	72.4	31.6	21
22	16.5	15.3B	17.6	162	141	137	62.6	36.5	31.4	48.5	67.5	32.6	22
23	16.0B	15.5B	16.3	166	140	128	60.6	36.2	31.2	46.3	62.6	27.4	23
24	14.3B	15.5B	16.4	134	164	123	64.0	36.7	30.3	45.3	59.4	31.6	24
25	12.6B	15.0B	16.1B	116	151	131	65.6	39.6	29.5	43.1	65.2	30.0	25
26	13.0B	15.5B	16.4B	105	141	131	62.2	42.2	29.3	40.6	61.6	29.7	26
27	14.2B	15.1B	16.8B	85.7	133	126	61.1	47.4	28.7	38.6	46.1	27.6	27
28	15.0B	15.1B	20.8B	86.0	126	121	68.4	61.6	27.6	37.3	44.6	27.4	28
29	16.6		24.0B	82.4	116	111	67.6	61.2	27.0	36.2	42.6	26.6	29
30	16.7		25.3	81.4	111	110	68.3	49.6	28.6	35.2	40.6	25.6	30
31	23.6		24.7		113		66.7	48.0		33.4		26.4	31
TOTAL	517.5	405.1	556.4	2 229.6	5 785	6 301	2 182.0	1 264.8	1 222.0	872.8	2 073.7	1 078.3	TOTAL
MEAN	16.7	14.5	17.9	74.3	187	210	70.7	40.6	40.7	31.4	66.1	34.6	MEAN
MAX	23.6	16.9	26.3	182	326	342	108	61.6	60.7	48.6	272	61.2	MAX
MIN	12.6	10.4	13.2	19.7	111	110	65.7	33.3	26.6	22.7	26.6	21.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 87.4
MAXIMUM DAILY, 342 ON JUN 7
MINIMUM DAILY, 10.4B ON FEB 3
MAXIMUM INSTANTANEOUS,
370 AT 09:26 MST ON JUN 7

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 12 54 N
LONG 115 06 36 W
DRAINAGE AREA, 4 450 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	44 700	JUL	189 000
FEB	35 000	AUG	108 000
MAR	48 100	SEP	106 000
APR	193 000	OCT	84 100
MAY	501 000	NOV	179 000
JUN	544 000	DEC	93 200

TOTAL DISCHARGE, 2 130 000 dam³

ELK RIVER BELOW WEARY CREEK - STATION NO. 08NK027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.26 B	0.740B	0.708B	0.830E	4.36	11.9	17.4	10.6	7.08	3.46	1.94	1.88B	1
2	1.26 B	0.680B	0.680B	0.803E	5.33	17.7	15.2	10.6	6.92	3.33	1.84B	1.67B	2
3	1.26 B	0.680B	0.660B	0.782E	5.82	22.4	13.3	9.61	6.84	3.19	1.80B	1.70B	3
4	1.26 B	0.740B	0.622B	0.760E	6.06	23.0	12.8	9.12	6.92	3.01	2.00B	1.76B	4
5	1.26 B	0.810B	0.600B	0.780E	7.04	26.1	13.2	8.88	7.12	2.87	2.08B	1.80B	5
6	1.16 B	0.858B	0.804B	0.830E	8.88	31.9	13.1	8.82	7.16	2.78	2.10B	2.00B	6
7	1.04 B	0.882B	0.830B	0.810E	12.9	36.2	12.9	8.28	6.96	2.67	2.06	1.81B	7
8	0.982B	0.858B	0.854B	0.858E	16.1	38.0	13.1	8.47	6.71	2.66	2.17	1.67B	8
9	0.902B	0.876B	0.876B	0.845E	18.6	38.3	12.7	8.89	6.27	2.60	2.21	1.60B	9
10	0.885B	0.900B	0.868B	0.880E	20.8	37.2	12.1	8.83	6.84	2.83	3.83	1.73B	10
11	0.918B	0.910B	0.868B	1.06 A	21.4	31.8	11.8	8.71	6.48	2.80	4.31	1.88B	11
12	0.840B	0.910B	0.858B	1.01	18.6	28.9	11.7	8.03	5.18	2.88	3.71	1.86B	12
13	0.848B	0.938B	0.880B	1.08	15.8	30.6	12.7	8.85	4.81	2.88	3.88	1.67B	13
14	0.868B	0.810B	0.670B	1.18	13.5	34.7	13.3	8.85	4.73	2.85	3.18	1.48B	14
15	0.870B	0.893B	0.672B	1.29	12.5	36.5	14.0	8.46	4.88	2.70	2.44	1.80B	15
16	0.880B	0.875B	0.670B	1.30	12.6	35.9	15.1	7.86	4.67	2.47	2.28B	1.85B	16
17	0.840B	0.830B	0.674B	1.25	13.5	32.2	14.7	7.60	4.71	2.37	2.00B	1.88B	17
18	0.821B	0.800B	0.680B	1.30	13.2	24.8	13.2	8.78	4.88	2.48	2.10B	1.83B	18
19	0.818B	0.810B	0.700B	1.43	12.1	21.2	12.7	8.36	4.41	2.40	2.28B	1.46B	19
20	0.902B	0.830B	0.730B	1.76	10.8	18.5	13.8	8.48	4.18	2.44	2.48B	1.38B	20
21	0.880B	0.840B	0.723B	2.88	9.88	16.4	14.9	8.66	3.91	2.67	2.26B	1.38B	21
22	0.830B	0.820B	0.720B	3.45	9.60	14.1	14.3	7.88	3.74	2.67	2.18B	1.36B	22
23	0.821B	0.805B	0.738B	3.20	10.2	13.3	12.4	8.06	3.88	2.58	2.09B	1.36B	23
24	0.770B	0.785B	0.780B	3.34	10.2	13.7	11.3	7.81	3.81	2.58	1.88B	1.37B	24
25	0.708B	0.782B	0.788B	3.07	9.80	14.8	10.9	7.00	3.69	2.63	1.93B	1.38B	25
26	0.740B	0.763B	0.790B	2.77	9.48	16.8	10.7	7.09	3.88	2.42	1.88B	1.38B	26
27	0.780B	0.760B	0.815B	2.62	9.15	18.6	10.6	7.48	3.84	2.41	1.82B	1.38B	27
28	0.820B	0.724B	0.810B	2.61	8.72	18.6	11.2	8.08	3.86	2.38	1.78B	1.37B	28
29	0.842B		0.840B	2.78	8.13	18.1	10.8	8.26	3.82	2.13	1.73B	1.38B	29
30	0.802B		0.880B	3.44	8.07	18.3	10.8	7.81	3.44	2.30	1.88B	1.32B	30
31	0.788B		0.870B		8.86		10.6	7.38		2.14		1.30B	31
TOTAL	29.634	23.032	21.871	80.80B	352.23	722.7	387.1	259.86	151.48	81.88	69.32	48.10	TOTAL
MEAN	0.863	0.823	0.708	1.88	11.4	24.1	12.8	8.38	5.08	2.84	2.31	1.55	MEAN
MAX	1.28	0.938	0.880	3.45	21.4	37.2	17.4	10.6	7.16	3.46	4.31	2.00	MAX
MIN	0.708	0.680	0.600	0.780	4.36	11.9	10.6	6.34	3.46	2.13	1.66	1.30	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.05
MAXIMUM DAILY, 37.2 ON JUN 10
MINIMUM DAILY, 0.600B ON MAR 6
MAXIMUM INSTANTANEOUS,
38.9 AT 00:57 MST ON JUN 10

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 22 57 N
LONG 114 58 19 W
DRAINAGE AREA, 324 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 550	JUL	34 300
FEB	1 950	AUG	32 400
MAR	1 900	SEP	13 100
APR	4 350	OCT	7 070
MAY	30 400	NOV	5 880
JUN	83 400	DEC	4 180

TOTAL DISCHARGE, 191 000 dam³

ELK RIVER NEAR NATAL - STATION NO. 08NK018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.00B	5.04B	4.08B	5.47	18.7	41.9	45.5	23.3	20.7	11.7	9.01	8.51	1
2	4.98B	4.40B	3.97B	5.40	24.7	55.2	44.2	23.2	20.7	11.6	8.84	8.35	2
3	5.00B	3.17B	3.90B	5.11	28.9	65.0	41.3	23.5	21.3	11.5	8.87	8.87	3
4	5.04B	3.00B	3.81B	5.14	28.4	77.9	39.7A	22.5	21.4	11.2	8.82	8.85	4
5	5.06	3.05B	4.00B	5.37	30.3	85.7	37.7E	21.4	21.9	10.9	8.89	8.82	5
6	5.05	3.28B	4.15B	5.80	38.0	97.8	35.7A	20.7	22.5	10.7	8.82	8.84	6
7	5.00B	3.80B	4.38B	6.02	49.7	108	34.8	20.2	22.2	10.5	8.84	8.46	7
8	4.90B	3.88B	4.57B	5.95	62.0	108	34.3	20.3	22.2	10.3	8.80	8.42	8
9	4.62B	3.97B	4.71	5.74	70.0	105	33.9	20.8	21.6	10.0	8.75	8.26	9
10	4.38B	3.97B	4.93	5.89	76.9	105	34.6	21.3	21.1	9.84	8.49	7.72	10
11	4.38B	3.84B	5.07	6.14	78.4	98.2	34.5	20.8	20.0	9.80	10.3	7.83	11
12	4.38B	3.93B	4.99	6.44	73.3	91.1	33.6	20.2	19.1	10.1	10.8	7.20B	12
13	4.58B	3.90B	5.02	6.77	65.5	91.2	32.7	19.5	18.2	10.8	10.9	8.90	13
14	4.80B	3.92B	5.04	7.13	58.1	93.4	34.8	19.5	17.6	10.8	10.7	8.89	14
15	5.10B	3.92B	4.87	7.74	53.3	94.4	34.4	19.2	16.9	10 8	10.0	7.33	15
16	5.30B	3.91B	4.82	8.16	52.2	94.4	35.3	18.8	16.5	10.3	10.0	7.43	16
17	5.55	3.90B	4.72	8.02	54.2	89.2	35.8	18.9	16.1	10.1	10.3	7.48	17
18	5.40	3.88B	4.85	8.18	54.2	79.1	34.4	19.2	16.0	9.82	10.3	7.32B	18
19	5.37	3.90B	4.90	8.48	51.8	69.8	32.2	17.4	15.7	9.59	10.3	6.44B	19
20	5.33	3.88B	4.75	8.26	47.8	63.8	31.2	17.0	15.2	9.61	10.3	5.88B	20
21	5.36	4.02B	4.88	13.2	43.7	58.7	32.9	16.8	14.7	10.2	10.5	5.78B	21
22	5.04B	4.11B	4.86	17.2	41.8	51.4	33.5	16.8	14.3	10.1	10.3	5.75B	22
23	4.84B	4.15B	4.95	19.1	43.0	46.1	31.7	17.0	13.7	10.1	9.84	6.10B	23
24	4.20B	4.13B	4.91	18.6	42.9	46.6	29.6	17.6	13.3	9.87	9.87	6.40B	24
25	3.91B	4.20B	5.12	17.8	41.8	48.2	27.7	17.1	12.9	9.85	9.74	6.80	25
26	4.02B	4.20B	5.61	19.8	40.5	47.6	26.4	16.9	12.7	9.86	9.08	6.82	26
27	4.36B	4.21B	5.81	18.0	38.6	47.7	25.6	16.0	12.3	9.86	8.83	6.84	27
28	4.80B	4.22B	5.88	15.3	37.2	48.1	25.1	15.9	12.1	10.0	8.73	6.80	28
29	5.04B		5.49	15.0	35.4	48 0	25.0	21.5	11.9	9.80	8.87	6.84	29
30	5.47		5.82	16.9	34.3	46.3	24.3	21.7	11.7	9.80	8.44	6.85	30
31	5.43		5.83		35.3		23.7	21.3		9.49		6.85	31
TOTAL	151.21	109.75	148.72	295.82	1 450.2	2 203.5	1 0% 0	611.0	516.4	318.89	287.20	227.43	TOTAL
MEAN	4.88	3.92	4.83	9.89	46 8	73.5	33 1	19.7	17.2	10.3	9.57	7.34	MEAN
MAX	5.55	5.04	5.81	19.1	78 4	108	45.5	23.5	22.5	11.7	10.9	8.85	MAX
MIN	3.91	3.00	3.80	5.11	18.7	41.8	23.7	16.8	11.7	9.49	8.44	5.75	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.1
MAXIMUM DAILY, 108 ON JUN 7
MINIMUM DAILY, 3.00B ON FEB 4
MAXIMUM INSTANTANEOUS,
111 AT 08:26 MST ON JUN 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 51 55 N
LONG 114 52 05 W
DRAINAGE AREA, 1 870 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 100	JUL	88 800
FEB	9 480	AUG	52 800
MAR	12 800	SEP	44 800
APR	25 600	OCT	27 800
MAY	125 000	NOV	24 800
JUN	190 000	DEC	19 800

TOTAL DISCHARGE, 634 000 dam³

ELLIOTT CREEK ABOVE DIVERSIONS - STATION NO. 08NJ165

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.011	0.044	0.017	0.011	0.007	0.007E	---	---	---	1
2	---	---	---	0.011	0.042	0.016	0.011	0.007	0.008	---	---	---	2
3	---	---	---	0.010	0.040	0.016E	0.011	0.007	0.007	---	---	---	3
4	---	---	---	0.008	0.038	0.015	0.010	0.007	0.010	---	---	---	4
5	---	---	---	0.012	0.034	0.015	0.010	0.007	0.008	---	---	---	5
6	---	---	---	0.017E	0.033	0.015	0.010	0.008	0.007	---	---	---	6
7	---	---	---	0.023	0.031	0.015	0.010	0.008	0.007E	---	---	---	7
8	---	---	---	0.022E	0.029	0.014	0.010	0.008	0.007	---	---	---	8
9	---	---	---	0.022	0.027	0.014	0.010E	0.008E	0.007	---	---	---	9
10	---	---	---	0.021	0.031	0.014	0.011	0.007	0.007	---	---	---	10
11	---	---	---	0.028	0.038	0.013	0.010	0.008	0.007	---	---	---	11
12	---	---	---	0.023	0.031	0.013	0.010	0.008	0.008	---	---	---	12
13	---	---	---	0.038	0.028	0.013E	0.008	0.007	0.008	---	---	---	13
14	---	---	---	0.085	0.027	0.014	0.009	0.007	0.006	---	---	---	14
15	---	---	---	0.073	0.026	0.015E	0.009	0.008	0.008E	---	---	---	15
16	---	---	---	0.071	0.025E	0.018	0.009E	0.007	0 008	---	---	---	16
17	---	---	---	0.063	0.024E	0.014	0.009	0.007E	0.008	---	---	---	17
18	---	---	---	0.063	0.023	0.013	0.008	0.007	0.008E	---	---	---	18
19	---	---	---	0.074	0.022	0.014	0.008	0.007	0.008	---	---	---	19
20	---	---	---	0.077	0.021E	0.013E	0.008	0.007	0.008	---	---	---	20
21	---	---	---	0.180E	0.020	0.013	0.008	0.009	0.008	---	---	---	21
22	---	---	---	0.145E	0.020	0.013	0.008	0.008E	0.008E	---	---	---	22
23	---	---	---	0.075	0.022	0.012	0.008	0.007	0.008	---	---	---	23
24	---	---	---	0.064	0.020	0.012	0.007	0.007	0.008	---	---	---	24
25	---	---	---	0.057	0.019	0.012E	0.007	0.008	0.008	---	---	---	25
26	---	---	---	0.052	0.020E	0.012	0.007	0.008E	0.008E	---	---	---	26
27	---	---	---	0.047	0.020E	0.012	0.007	0.007	0.008	---	---	---	27
28	---	---	---	0.046	0.018	0.011	0.007	0.007	0.008	---	---	---	28
29	---		---	0.043	0.018	0.011	0.007	0.007	0.008	---	---	---	29
30	---		---	0.044	0.018	0.011	0.007	0.007	0.008	---	---	---	30
31	---		---		0.017		0.007	0.007		---		---	31
TOTAL	---	---	---	1.482	0.823	0.408	0.273	0.218	0.188	---	---	---	TOTAL
MEAN	---	---	---	0.048	0.027	0.014	0.009	0.007	0.006	---	---	---	MEAN
MAX	---	---	---	0.180	0.044	0.017	0.011	0.009	0.010	---	---	---	MAX
MIN	---	---	---	0.009	0.017	0.011	0.007	0.008	0.008	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.180E ON APR 21

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 40 38 N
LONG 117 29 08 W

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	23.8
FEB	---	AUG	18.8
MAR	---	SEP	18.2
APR	135	OCT	---
MAY	71.1	NOV	---
JUN	35.3	DEC	---

ENGLISHMAN RIVER NEAR PARKSVILLE - STATION NO. 08HB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.0	16.1 B	9.08	12.6	18.1	8.00E	2.86	1.08	0.587	0.318	4.18	6.44	1
2	13.2	14.2 B	8.07	15.3	15.0	8.65E	3.72	1.48	0.597	0.311	3.79	12.8	2
3	36.3	11.0 B	8.86	13.4	12.9	8.46E	3.85 A	1.39	0.580	0.310	3.75	47.9	3
4	42.5	9.90B	6.55	12.6	12.9	7.85E	3.70 E	1.20	0.554	0.324	5.79	119	4
5	25.5	8.90B	7.88	16.1	14.0	7.35E	3.50 E	1.20	0.557	0.329	7.47	35.9	5
6	17.5	7.41B	13.3	37.4	15.2	6.70E	3.21 E	1.10	0.535	0.327	6.17	28.4	6
7	13.5	6.85B	13.5	39.0	14.2	5.85E	2.98 E	0.940	0.511	0.335	5.88	27.3	7
8	10.8	6.41B	13.2	24.3	12.6	5.40E	2.75 E	0.882	0.482	0.333	7.00	42.9	8
9	9.51	5.95B	14.2	18.6	11.2	4.94E	2.54 E	0.883	0.426	0.340	28.8	25.8	9
10	8.65	5.60B	27.6	16.3	9.28	4.56E	2.42 E	0.830	0.398	0.340	47.8	16.8	10
11	7.88	5.40B	40.8	15.7	7.52	4.21E	2.30 E	0.805	0.382	0.348	21.0	14.8	11
12	8.52	5.05B	43.7	15.8	6.47	4.11E	2.17 E	0.751	0.408	0.888	13.5	12.4	12
13	28.1	4.81	31.0	16.1	5.90	4.00E	1.88 E	0.736	0.367	0.818	10.4	10.5	13
14	17.3	4.54	21.8	18.2	5.30	4.28E	1.80 E	0.774	0.333	0.768	8.85	9.20	14
15	13.1	4.23	16.5	20.3	5.40	3.91E	1.61 E	0.769	0.338	0.728	7.07	8.18	15
16	24.1	4.08	14.0	18.1	6.43	3.38E	1.69 E	0.776	0.352	0.753	8.87	7.34	16
17	43.3	4.04	12.9	13.4	5.72	3.11E	1.64 E	0.760	0.336	0.733	6.48	6.78	17
18	38.2	4.22	11.4	12.2	5.79	2.85E	1.60 E	0.723	0.378	0.778	6.06	6.42	18
19	23.3	4.30	10.8	15.9	4.83	2.82E	1.44 E	0.671	0.338	1.57	6.38	6.01	19
20	16.7	4.86	9.94	32.3	4.24	2.88E	1.37 E	0.650	0.338	2.03	11.9	5.57	20
21	14.3	5.07	11.6	24.0	4.35	2.53E	1.23 E	0.700	0.323	14.9	15.5	5.47	21
22	11.8	25.8	13.3	15.9	4.19	2.49E	1.16 E	0.733	0.333	20.5	12.2	5.88	22
23	9.83	35.6	11.4	13.6	4.07	2.88E	1.12 E	0.806	0.328	33.1	12.1	5.74	23
24	8.77	26.2	10.4	11.8	4.15	2.79E	1.03 E	1.03	0.324	20.1	12.0	5.58	24
25	7.67	17.8	9.91	11.5	4.03	2.78E	0.980E	0.938	0.312	11.9	10.1	5.34	25
26	6.82	13.4	9.90	11.7	4.30	2.65A	0.939E	0.838	0.323	24.5	9.28	5.12	26
27	8.13	10.8	13.2	12.1	5.56A	2.62	0.902A	0.776	0.333	14.4	8.48	4.86	27
28	7.41	9.87	16.4	11.4	5.60E	2.59	0.858	0.746	0.332	9.88	8.28	4.86	28
29	7.34		13.9	12.5	5.10E	2.55	0.803	0.703	0.324	7.15	7.91	4.57	29
30	35.7		11.1	13.7	6.80E	2.52	0.818	0.643	0.322	5.82	6.99	4.44	30
31	40.3		11.7		7.25E		0.840	0.619		4.95		4.84	31
TOTAL	567.73	281.00	464.87	522.9	247.18	129.62	56.748	26.851	12.060	179.431	330.83	509.89	TOTAL
MEAN	18.3	10.0	15.0	17.4	7.97	4.32	1.83	0.866	0.402	5.79	11.0	16.4	MEAN
MAX	43.3	35.6	43.7	39.0	18.2	8.65	3.85	1.48	0.597	33.1	47.8	119	MAX
MIN	6.82	4.04	6.55	11.4	4.03	2.49	0.803	0.619	0.312	0.310	3.75	4.44	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.13
MAXIMUM DAILY, 119 ON DEC 4
MINIMUM DAILY, 0.310 ON OCT 3
MAXIMUM INSTANTANEOUS,
231 AT 03:13 PST ON DEC 4

SUMMARY FOR THE YEAR 1969

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 19 00 N
LONG 124 16 58 W
DRAINAGE AREA, 324 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	49 100	JUL	5 180
FEB	24 300	AUG	2 320
MAR	40 200	SEP	1 040
APR	45 200	OCT	15 500
MAY	21 400	NOV	28 600
JUN	11 200	DEC	44 000

TOTAL DISCHARGE, 288 000 dam³

EXCHAMSIKS RIVER NEAR TERRACE - STATION NO. 08EG012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.83B	14.0 E	4.21B	12.8	93.5	87.0	93.4	55.0	31.3	34.5	37.9	81.1	1
2	5.82B	12.0 E	4.20B	12.6	88.8	78.2	71.2	64.3	27.3	28.3	127	211	2
3	5.90B	10.8 E	4.20B	12.4	84.0	86.4	86.3	60.4	57.7	41.6	275	161	3
4	5.85B	9.40E	4.20B	12.3	82.2	108	56.2	60.4	93.6	88.2	122	103	4
5	5.75B	9.00E	4.21B	12.8	77.1	107	50.6	66.4	51.4	60.1	77.9	71.0	5
6	5.60B	8.40E	4.22B	12.8	82.4	78.2	51.7	51.3	43.1	34.9	58.7	47.7	6
7	5.55B	7.90E	4.23B	12.4	85.2	73.5	50.2	47.9	46.0	78.5	48.8	34.9	7
8	5.50B	7.35E	4.25B	12.7	88.1	73.8	56.9	43.5	46.2	93.3	70.8	28.0	8
9	5.60B	7.00E	4.27B	12.8	82.2	76.1	62.1	40.0	41.3	124	82.5	23.2	9
10	5.65B	6.60E	4.30B	13.6	68.6	77.6	61.0	41.7	38.7	80.1	52.0	20.4	10
11	5.55B	6.25E	4.32B	18.4	48.8	88.7	60.7	38.6	34.5	108	34.1	16.7	11
12	5.80B	5.90E	4.38B	21.6	42.4	82.8	61.3	43.4	32.5	77.0	27.0	16.3	12
13	5.78B	5.65E	4.40B	21.8	41.1	100	60.8	70.7	28.5	51.5	22.8	20.2	13
14	6.00B	5.41B	4.42B	35.2	43.6	85.4	70.4	59.0	26.8	40.5	19.4	23.7	14
15	6.20B	5.20B	4.50B	33.9	55.7	69.2	56.9	48.8	22.5	30.3	18.3	23.6	15
16	6.80B	5.00B	4.57B	28.4	54.4	59.7	57.4	48.0	20.9	24.3	30.5	23.0	16
17	7.00B	4.95B	4.60B	26.0	47.0	52.3	62.2	54.0	19.6	59.7	46.6	27.7	17
18	7.70B	4.80B	4.70B	28.3	41.8	49.0	60.6	63.5	38.7	95.6	297	21.3	18
19	8.11B	4.85B	4.81B	34.2	38.7	43.3	61.2	61.3	107	75.9	120	19.6	19
20	13.1	4.60B	5.00B	50.8	36.7	44.1	64.2	55.4	141	56.0	50.8	16.1	20
21	15.7	4.55B	5.20B	48.8	35.4	57.5	65.0	102	88.7	43.7	34.8	13.2	21
22	13.2	4.42B	5.59	38.9	35.8	58.2	53.2	48.7	61.3	34.0	26.8	18.7	22
23	11.2	4.40B	6.38	43.1	41.8	62.6	46.3	41.6	47.0	27.8	23.8	71.4	23
24	8.59	4.38B	7.29	48.4	47.2	101	48.1	38.3	35.4	25.0	20.1	134	24
25	12.7	4.30B	7.90	53.0	46.1	102	50.1	38.2	33.7	33.7	17.7	220	25
26	79.8	4.28B	8.40	59.7	48.8	79.5	52.8	40.7	31.4	31.2	16.0	201	26
27	85.3	4.22B	9.69	63.9	40.2	62.8	65.7	43.6	30.2	23.4	20.9	98.7	27
28	72.3	4.22B	13.1	63.3	63.1	48.9	63.6	46.8	34.0	20.1	113	61.5	28
29	57.4		13.7	70.0	84.8	57.2	48.7	42.6	131	39.9	88.9	36.2	29
30	38.7		12.8	82.0	104	59.4	55.4	36.8	53.5	41.9	102	34.2	30
31	28.3 A		12.3		95.7		56.7	34.4		27.8		41.8	31
TOTAL	551.81	180.03	189.72	996.0	1 984.3	2 247.3	1 935.8	1 583.8	1 506.0	1 638.3	2 026.4	1 876.2	TOTAL
MEAN	17.8	6.43	6.12	33.2	64.0	74.9	62.4	51.1	50.2	52.8	67.5	60.5	MEAN
MAX	85.3	14.0	13.7	82.0	104	108	93.4	102	141	124	297	220	MAX
MIN	5.50	4.22	4.20	12.3	35.4	43.3	46.3	34.4	19.6	20.1	16.0	13.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 45.6
MAXIMUM DAILY, 297 ON NOV 18
MINIMUM DAILY, 4.20B ON MAR 2
MAXIMUM INSTANTANEOUS,
425 AT 15:41 PST ON NOV 18

SUMMARY FOR THE YEAR 1969

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 21 47 N
LONG 128 18 41 W
DRAINAGE AREA, 370 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	47 700	JUL	167 000
FEB	15 600	AUG	137 000
MAR	16 400	SEP	130 000
APR	86 100	OCT	141 000
MAY	171 000	NOV	175 000
JUN	194 000	DEC	162 000

TOTAL DISCHARGE, 1 440 000 dam³

FAIRLESS CREEK BELOW BORIN CREEK - STATION NO. 08MD034

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0308	0.0288	0.0278	0.0288	0.456	0.594	0.175	0.116	0.885	0.152	0.107	0.0808	1
2	0.0308	0.0218	0.0278	0.0288	0.449	0.526	0.168	0.969	0.702	0.140	0.124	0.0888	2
3	0.0308	0.0238	0.0278	0.0288	0.436	0.470	0.162	1.18 E	0.618	0.136	0.162	0.0888	3
4	0.0308	0.0288	0.0278	0.0288	0.455	0.418	0.161	0.957	0.587	0.130	0.201	0.0708	4
5	0.0308	0.0288	0.0288	0.0288	0.492	0.391	0.154	0.790	0.584	0.127	0.173	0.0728	5
6	0.0318	0.0288	0.0288	0.0288	0.528	0.362	0.147	0.852	0.808	0.122	0.161	0.0748	6
7	0.0318	0.0288	0.0288	0.0288	0.478	0.314	0.142	0.842	0.486	0.118	0.122	0.0728	7
8	0.0318	0.0288	0.0288	0.0288	0.436	0.332	0.156	0.480	0.426	0.114	0.167	0.0888	8
9	0.0328	0.0288	0.0278	0.0278	0.423	0.481	0.157	0.407	0.400	0.110	0.161	0.0888	9
10	0.0338	0.0288	0.0278	0.0288	0.376	0.410	0.222	0.382	0.371	0.148	0.168	0.0848	10
11	0.0338	0.0248	0.0288	0.0328	0.307	0.380	0.389	0.338	0.341	0.137	0.111	0.0838	11
12	0.0338	0.0248	0.0288	0.0388	0.276	0.310	0.308	0.288	0.310	0.134	0.072E	0.0838	12
13	0.0348	0.0248	0.0278	0.0438	0.263	0.263	0.261	0.264	0.268	0.121	0.072E	0.0848	13
14	0.0388	0.0248	0.0278	0.0518	0.245	0.277	0.230	0.255	0.269	0.118	0.078E	0.0848	14
15	0.0358	0.0248	0.0278	0.0608	0.242	0.308	0.241	0.805	0.265	0.103	0.082E	0.0838	15
16	0.0348	0.0248	0.0278	0.0788	0.264	0.328	0.227	2.42 E	0.281	0.095	0.084E	0.0828	16
17	0.0338	0.0248	0.0288	0.084A	0.280	0.307	0.211	1.88 E	0.327	0.124	0.088E	0.0808	17
18	0.0338	0.0248	0.0288	0.107	0.234	0.286	0.188	1.61 E	0.286	0.178	0.088E	0.0808	18
19	0.0328	0.0268	0.0288	0.183	0.231	0.284	0.178	1.30 E	0.285	0.138	0.084E	0.0898	19
20	0.0308	0.0288	0.0288	0.277	0.211	0.268	0.171	1.09 E	0.268	0.121	0.080E	0.0888	20
21	0.0298	0.0278	0.0288	0.242	0.218	0.257	0.174	0.995	0.263A	0.112	0.077E	0.0808	21
22	0.0288	0.0268	0.0288	0.188	0.219	0.280	0.175	1.13 E	0.238	0.107	0.074A	0.0488	22
23	0.0288	0.0288	0.0278	0.135	0.268	0.250	0.184	0.814	0.222	0.111	0.070E	0.0488	23
24	0.0288	0.0288	0.0278	0.138	0.323	0.223	0.142	0.626	0.209	0.208	0.088E	0.0808	24
25	0.0288	0.0288	0.0278	0.170	0.364	0.221	0.134	0.760	0.184	0.170	0.088E	0.0808	25
26	0.0288	0.0288	0.0278	0.183	0.317	0.256	0.128	0.618	0.163	0.151	0.0848	0.0848	26
27	0.0308	0.0278	0.0288	0.208	0.404	0.225	0.126	0.595	0.173	0.136	0.0628	0.0848	27
28	0.0338	0.0278	0.0288	0.277	0.584	0.213	0.117	0.847	0.168	0.089	0.0808	0.0628	28
29	0.0388		0.0288	0.407	0.584	0.211	0.112	0.808	0.168	0.0808	0.0598	0.0628	29
30	0.0428		0.0288	0.488	0.588	0.188	0.108	0.547	0.163	0.0858	0.0598	0.0808	30
31	0.0388		0.0288		0.603		0.108	0.887		0.081		0.0808	31
TOTAL	0.988	0.714	0.828	3.804	11.481	8.585	5.528	25.032	10.188	3.908	3.090	1.920	TOTAL
MEAN	0.032	0.026	0.027	0.120	0.370	0.320	0.178	0.807	0.339	0.126	0.102	0.062	MEAN
MAX	0.042	0.029	0.028	0.488	0.603	0.588	0.389	2.42	0.702	0.208	0.201	0.074	MAX
MIN	0.028	0.021	0.026	0.028	0.211	0.188	0.108	0.118	0.163	0.081	0.089	0.046	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.210
MAXIMUM DAILY, 2.42E ON AUG 18
MINIMUM DAILY, 0.0318 ON FEB 2
MAXIMUM INSTANTANEOUS,
3.14E AT 02:45 PST ON AUG 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 22 08 N
LONG 122 36 39 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1987

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	85.4	JUL	477
FEB	61.7	AUG	2 180
MAR	71.5	SEP	676
APR	311	OCT	337
MAY	990	NOV	264
JUN	828	DEC	166

TOTAL DISCHARGE, 6 830 dam³

FANTAIL LAKE NEAR ATLIN - STATION NO. 08AA015

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.493	---	---	---	---	1.857	1.888	1.738	1.404	1.188	0.808	0.480	1
2	0.488	---	---	---	---	1.872	1.728	1.734	1.382	1.134	0.804	0.480	2
3	0.480	---	---	---	---	1.886	1.718	1.713	1.388	1.177	0.820	0.482	3
4	0.479A	---	---	---	1.183A	1.529	1.706	1.670	1.374	1.183	0.838	0.483	4
5	---	---	---	---	1.220	1.898	1.724	1.628	1.378	1.147	0.844	0.488	5
6	0.488A	---	---	---	1.248	1.880	1.788	1.887	1.412	1.088	0.828	0.444	6
7	---	---	---	---	1.288	1.831	1.807	1.700	1.478	1.118	0.818	0.488	7
8	0.484A	---	---	---	1.277	1.887	1.888	1.838	1.507	1.170	0.888	0.448	8
9	---	---	---	---	1.287	1.878	1.872	1.873	1.488	1.187	0.878	0.441	9
10	---	---	---	---	1.303	1.858	1.861	1.832	1.508	1.118	0.858	0.438	10
11	---	---	---	---	1.288	1.837	1.882	1.881	1.533	1.086	0.848	0.443	11
12	---	---	---	---	1.234	1.832	1.881	1.711	1.488	1.028	0.828	0.428	12
13	---	---	---	---	1.182	1.846	1.881	1.745	1.442	0.883	0.817	0.428	13
14	---	---	---	---	1.138	1.803	1.800	1.742	1.382	0.840	0.808	0.448	14
15	---	---	---	---	1.108	1.878	1.787	1.718	1.318	0.801	0.808	0.443	15
16	---	---	---	---	1.103	1.840	1.780	1.888	1.223	0.881	0.808	0.448	16
17	---	---	---	---	1.102	1.883	1.784	1.880	1.180	0.844	0.810	0.483	17
18	0.343A	---	---	---	1.082	1.882	1.771	1.878	1.082	0.823	0.801	0.484	18
19	0.342A	---	---	---	1.080	1.881	1.781	1.872	1.026	0.791	0.488	0.482	19
20	---	---	---	---	1.046	1.872	1.712	1.836	0.971	0.771	0.486	0.487	20
21	---	---	---	---	1.030	1.490A	1.883	1.881	0.971	0.788	0.480	0.488	21
22	---	---	---	---	1.038	1.478	1.874	1.858	1.101	0.781	0.487	0.485	22
23	---	---	---	---	1.088	1.488	1.880	1.548	1.288	0.727	0.488	0.448	23
24	0.342A	---	---	---	1.183	1.881	1.811	1.531	1.383	0.713	0.481	0.444	24
25	0.344	---	---	---	1.203	1.843	1.588	1.522	1.383	0.702	0.478	0.447	25
26	0.348	---	---	---	1.208	1.833	1.884	1.518	1.339	0.883	0.471	0.488	26
27	0.340	---	---	---	1.207	1.808	1.841	1.513	1.380	0.870	0.472	0.491	27
28	0.380	---	---	---	1.230	1.818	1.874	1.803	1.304	0.855	0.478	0.480	28
29	0.344A		---	---	1.305	1.880	1.884	1.804	1.287	0.848	0.488	0.488	29
30	---		---	---	1.388	1.878	1.708	1.804	1.208	0.837	0.488	0.487	30
31	---		---		1.528		1.728	1.484		0.828		0.484	31
MEAN	---	---	---	---	---	1.881	1.780	1.821	1.318	0.908	0.833	0.488	MEAN
MAX	---	---	---	---	---	1.878	1.882	1.748	1.533	1.183	0.844	0.491	MAX
MIN	---	---	---	---	---	1.481	1.588	1.484	0.971	0.828	0.488	0.438	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MAXIMUM DAILY, 1.882 ON JUL 11

MAXIMUM INSTANTANEOUS,
1.888 AT 17:34 PST ON JUL 11

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 35 40 N
LONG 134 23 28 W

A - MANUAL GAUGE

NATURAL FLOW

FANTAIL RIVER AT OUTLET OF FANTAIL LAKE - STATION NO. 08AA014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.82	1.848	1.418	1.188	17.2E	72.7	75.8	82.1	47.3	30.1	7.85	4.788	1
2	4.77	1.818	1.408	1.188	21.0E	74.4	80.5	81.7	43.8	28.7	7.45	4.728	2
3	4.86	1.878	1.398	1.188	24.8E	84.8	78.8	78.0	44.1	31.8	7.81	4.888	3
4	4.88A	1.848	1.388	1.178	28.6A	89.0	78.2	74.1	44.8	32.7	8.45	4.848	4
5	4.82E	1.808	1.378	1.178	32.2	88.2	80.4	89.5	45.0	28.8	8.84	4.808	5
6	4.85A	1.778	1.378	1.188	34.4	73.0	84.5	77.3	48.5	28.2	8.31	4.678	6
7	4.45E	1.788	1.388	1.188	35.8	88.7	80.5	77.5	54.5	27.8	7.86	4.548	7
8	4.34A	1.738	1.358	1.168	35.4	86.0	86.5	70.7	57.7	31.2	7.388	4.518	8
9	4.30E	1.708	1.348	1.188	37.8	83.8	105	83.6	57.0	30.4	8.888	4.488	9
10	4.00E	1.688	1.338	1.168	38.3	82.0	111	88.3	57.8	28.2	8.458	4.488	10
11	3.80E	1.888	1.328	1.14E	35.8	88.8	114	85.8	80.7	26.2	8.128	4.428	11
12	3.85E	1.648	1.318	1.14E	33.3	88.2	111	78.8	67.2	23.2	8.888	4.388	12
13	3.41E	1.628	1.308	1.14E	28.7	80.7	88.7	82.8	61.8	20.8	8.458	4.368	13
14	3.23E	1.608	1.298	1.18E	27.2	88.8	88.7	82.8	47.2	18.8	8.338	4.238	14
15	3.03E	1.588	1.288	1.18E	25.3	75.1	84.4	78.4	40.8	17.2	8.288	4.208	15
16	2.88E	1.57E	1.28E	1.21E	24.8	70.8	83.6	77.4	33.6	15.8	8.288	4.278	16
17	2.74E	1.56E	1.27E	1.24E	24.8	81.5	85.3	78.4	28.8	14.8	8.228	4.248	17
18	2.63E	1.55E	1.27E	1.30E	23.8	84.3	86.1	75.1	24.8	14.1	8.218	4.218	18
19	2.57E	1.54E	1.26E	1.38E	22.7	82.3	83.8	74.4	21.8	13.2	8.188	4.188	19
20	2.63E	1.53E	1.26E	1.48E	22.0	83.4	78.0	70.2	18.2	12.8	8.188	4.188	20
21	2.48E	1.52E	1.26E	1.88E	21.2	85.1A	78.8	85.3	18.3	12.1	8.128	4.128	21
22	2.40E	1.51E	1.25E	2.28E	21.8	84.0	74.8	82.0	26.4	11.8	8.088	4.088	22
23	2.34E	1.50E	1.25E	2.68E	24.7	85.8	71.8	80.8	38.7	10.8	8.088	4.068	23
24	2.28E	1.48E	1.24E	3.10E	26.8	82.3	87.5	88.2	48.4	10.8	8.038	4.038	24
25	2.24E	1.48E	1.24E	3.50E	31.0	71.1	84.8	88.3	44.8	10.1	8.008	4.008	25
26	2.19E	1.47E	1.23E	5.48E	31.2	70.0	85.7	87.8	43.5	9.98	4.88E	3.97E	26
27	2.16E	1.46E	1.22E	7.48E	31.3	85.8	70.8	87.3	44.5	9.19	4.82E	3.84E	27
28	2.10E	1.43E	1.21E	9.44E	33.0	88.1	74.8	88.3	40.7	8.75	4.88E	3.81E	28
29	2.06E		1.21E	11.4 E	36.8	73.0	76.8	85.8	37.0	8.89	4.84E	3.88E	29
30	2.02E		1.20E	13.4 E	45.8	75.2	76.8	85.8	33.5	8.29	4.80E	3.85E	30
31	1.98E		1.19E		88.0		80.8	82.8		7.84		3.82E	31
TOTAL	89.89	65.89	40.04	84.87	943.1	1 837.2	2 802.1	2 140.7	1 281.1	880.43	180.84	132.47	TOTAL
MEAN	3.22	1.83	1.29	2.82	30.4	84.8	83.8	88.1	42.8	18.7	8.83	4.27	MEAN
MAX	4.82	1.84	1.41	13.4	88.8	75.2	114	82.8	80.7	32.7	8.84	4.78	MAX
MIN	1.88	1.43	1.18	1.14	17.2	82.3	84.8	82.8	18.2	7.84	4.80	3.82	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27.8
MAXIMUM DAILY, 114 ON JUL 11
MINIMUM DAILY, 1.14E ON APR 11
MAXIMUM INSTANTANEOUS,
114 AT 17:34 PST ON JUL 11

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 35 40 N
LONG 134 23 28 W
DRAINAGE AREA, 717 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 930	JUL	225 000
FEB	3 880	AUG	165 000
MAR	3 480	SEP	109 000
APR	7 320	OCT	80 100
MAY	81 500	NOV	15 800
JUN	187 000	DEC	11 400

TOTAL DISCHARGE, 888 000 dam³

FARWELL CREEK NEAR THE MOUTH - STATION NO. 08MB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.035	0.021	0.010	0.002	---	0.020	0.088	---	1
2	---	---	---	---	0.034	0.020	0.008	0.018	---	0.020	0.087	---	2
3	---	---	---	---	0.035	0.017	0.008	0.082	---	0.022	0.081	---	3
4	---	---	---	---	0.034	0.018	0.008	---	---	0.023	0.108	---	4
5	---	---	---	---	0.031	0.014	0.008	---	---	0.022	0.103	---	5
6	---	---	---	---	0.030	0.013	0.008	---	---	0.021	0.081	---	6
7	---	---	---	---	0.030	0.012	0.008	---	---	0.021	0.080	---	7
8	---	---	---	---	0.030	0.012	0.011	---	---	0.020	0.087	---	8
9	---	---	---	---	0.030	0.011	0.008	---	---	0.021	0.083	---	9
10	---	---	---	---	0.038	0.011	0.028	---	---	0.027	0.081	---	10
11	---	---	---	---	0.043	0.010	0.018	---	---	0.030	0.088	---	11
12	---	---	---	---	0.038	0.008	0.018	---	---	0.030	0.047	---	12
13	---	---	---	---	0.038	0.008	0.011	---	---	0.028	0.038	---	13
14	---	---	---	---	0.038	0.008	0.008	---	---	0.027	---	---	14
15	---	---	---	---	0.034	0.007	0.007	---	---	0.027	---	---	15
16	---	---	---	0.088	0.038	0.013	0.008	---	---	0.028	---	---	16
17	---	---	---	0.080	0.036	0.013	0.008	---	---	0.028	---	---	17
18	---	---	---	0.080	0.030	0.011	0.008	---	---	0.028	---	---	18
19	---	---	---	0.084	0.038	0.010	0.004	---	---	0.027	---	---	19
20	---	---	---	0.087	0.039	0.010	0.004	---	---	0.050	---	---	20
21	---	---	---	0.101	0.038	0.010	0.004	---	---	0.063	---	---	21
22	---	---	---	0.093	0.038	0.011	0.004	---	---	0.041	---	---	22
23	---	---	---	0.088	0.037	0.010	0.004	---	---	0.038	---	---	23
24	---	---	---	0.043	0.037	0.008	0.004	---	0.021	0.052	---	---	24
25	---	---	---	0.037	0.037	0.007	0.003	---	0.022	0.060	---	---	25
26	---	---	---	0.038	0.038	0.008	0.003	---	0.021	0.083	---	---	26
27	---	---	---	0.034	0.035	0.011	0.003	---	0.022	0.081	---	---	27
28	---	---	---	0.038	0.034	0.015	0.002	---	0.021	0.048	---	---	28
29	---		---	0.038	0.030	0.013	0.002	---	0.021	0.050	---	---	29
30	---		---	0.038	0.038	0.012	0.002	---	0.020	0.071	---	---	30
31	---		---		0.034		0.002	---		0.085		---	31
TOTAL	---	---	---	---	0.988	0.348	0.230	---	---	1.102	---	---	TOTAL
MEAN	---	---	---	---	0.032	0.013	0.007	---	---	0.036	---	---	MEAN
MAX	---	---	---	---	0.043	0.031	0.028	---	---	0.071	---	---	MAX
MIN	---	---	---	---	0.034	0.008	0.002	---	---	0.020	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 48 40 N
LONG 132 34 20 W
DRAINAGE AREA, 154 km²

REGULATED SINCE 1987

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	19.8
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	85.2
MAY	88.3	NOV	---
JUN	30.1	DEC	---

DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

PAWN CREEK NEAR ALBERNI - STATION NO. 08HB072

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.108	0.331	0.575	0.137	0.028	0.019	---	---	---	1
2	---	---	---	0.070	0.277	0.584	0.141	0.024	0.017	---	---	---	2
3	---	---	---	0.048	0.324	0.659	0.136	0.023	0.015	---	---	---	3
4	---	---	---	0.082	0.277	0.532	0.132	0.023	0.015	---	---	---	4
5	---	---	---	0.070	0.389	0.515	0.111	0.023	0.014	---	---	---	5
6	---	---	---	0.112	0.632	0.416	0.092	0.023	0.014	---	---	---	6
7	---	---	---	0.126	0.446	0.347	0.080	0.022	0.013	---	---	---	7
8	---	---	---	0.148	0.324	0.295	0.070	0.022	0.012	---	---	---	8
9	---	---	---	0.124	0.287	0.188	0.057	0.021	0.011	---	---	---	9
10	---	---	---	0.111	0.231	0.215	0.054	0.021	0.011	---	---	---	10
11	---	---	---	0.108	0.183	0.313	0.042	0.021	0.011	---	---	---	11
12	---	---	---	0.098	0.153	0.185	0.040	0.020	0.011	---	---	---	12
13	---	---	---	0.107	0.126	0.150	0.038	0.026	0.011	---	---	---	13
14	---	---	---	0.148	0.114	0.268	0.036	0.024	0.011	---	---	---	14
15	---	---	---	0.164E	0.143	0.183	0.034	0.020	0.011	---	---	---	15
16	---	---	0.085	0.183	0.178	0.137	0.036	0.018	0.014	---	---	---	16
17	---	---	---	0.162	0.168	0.128	0.035	0.018	0.011	---	---	---	17
18	---	---	---	0.145	0.153	0.115	0.033	0.017	0.012	---	---	---	18
19	---	---	---	0.174	0.124	0.135	0.032	0.017	0.011	---	---	---	19
20	---	---	---	0.880	0.112	0.114	0.032	0.019	0.011	---	---	---	20
21	---	---	---	0.290	0.101	0.111	0.030	0.020	0.011	---	---	---	21
22	---	---	---	0.213	0.092	0.104	0.029	0.019	0.010	---	---	---	22
23	---	---	---	0.184	0.088	0.108	0.028	0.020	0.010	---	---	---	23
24	---	---	---	0.149	0.083	0.091	0.028	0.018	0.010	---	---	---	24
25	---	---	---	0.141	0.083	0.089	0.026	0.017	0.011	---	---	---	25
26	---	---	---	0.141	0.101	0.094	0.026	0.017	0.013	---	---	---	26
27	---	---	---	0.145	0.153	0.092	0.025	0.017	0.011	---	---	---	27
28	---	---	---	0.143	0.238	0.092	0.025	0.017	0.011	---	---	---	28
29	---		---	0.174	0.227	0.094	0.025	0.017	0.011	---	---	---	29
30	---		---	0.231	0.338	0.108	0.024	0.017	0.010	---	---	---	30
31	---		---		0.498		0.024	0.017		---		---	31
TOTAL	---	---	---	5.038	8.881	8.887	1.896	0.625	0.383	---	---	---	TOTAL
MEAN	---	---	---	0.188	0.225	0.233	0.053	0.020	0.012	---	---	---	MEAN
MAX	---	---	---	0.880	0.632	0.659	0.141	0.026	0.018	---	---	---	MAX
MIN	---	---	---	0.048	0.083	0.089	0.024	0.017	0.010	---	---	---	MIN

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 20 25 N
LONG 124 54 34 W

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	143
FEB	---	AUG	54.0
MAR	---	SEP	31.4
APR	436	OCT	---
MAY	801	NOV	---
JUN	804	DEC	---

FELL CREEK NEAR NELSON - STATION NO. 08NJ129

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.012	0.010E	0.009	0.017	0.211	0.163	0.084E	0.028	0.059	0.022	0.022E	0.031	1
2	0.012	0.010E	0.009	0.017	0.257	0.211	0.088E	0.028	0.052	0.021	0.021	0.038E	2
3	0.012	0.010E	0.008	0.016	0.238	0.211	0.088E	0.028	0.052	0.021	0.022	0.048E	3
4	0.014	0.010E	0.008	0.016	0.265E	0.217	0.080	0.025	0.052	0.020	0.028	0.066	4
5	0.013	0.010E	0.009	0.021	0.273	0.228	0.079E	0.025	0.053	0.020	0.028E	0.047	5
6	0.012	0.010	0.008	0.023	0.276	0.223	0.078	0.028E	0.053	0.021	0.024	0.041	6
7	0.012	0.011	0.008	0.027	0.286	0.218	0.066	0.028E	0.050	0.020	0.023E	0.040	7
8	0.012	0.011	0.008	0.026	0.322	0.208	0.066	0.032E	0.047	0.020	0.023E	0.036	8
9	0.012	0.011	0.008	0.025	0.332	0.238	0.065	0.035	0.048	0.020	0.024E	0.037E	9
10	0.012	0.011	0.009	0.026	0.385	0.201	0.078	0.035	0.048	0.020	0.027E	0.038E	10
11	0.012	0.011	0.013E	0.027	0.310	0.183	0.064	0.028E	0.040	0.020	0.028E	0.038E	11
12	0.012	0.010	0.018	0.033	0.261	0.174	0.064	0.028E	0.038	0.020	0.064E	0.038E	12
13	0.012	0.011	0.018	0.042	0.214	0.158	0.064	0.026	0.036	0.020	0.068E	0.034E	13
14	0.012	0.010	0.018	0.070E	0.211	0.168E	0.062	0.026	0.034	0.020	0.064E	0.033E	14
15	0.012	0.010	0.013	0.067	0.201	0.159	0.062	0.029E	0.033E	0.020	0.060E	0.032E	15
16	0.012	0.010	0.013	0.068	0.188E	0.142	0.060	0.033	0.033E	0.020	0.047	0.031E	16
17	0.012	0.010	0.011	0.101	0.168	0.161	0.047	0.032E	0.032E	0.020	0.047	0.031E	17
18	0.012	0.009	0.011	0.112	0.170E	0.148	0.047	0.028E	0.031	0.020	0.048	0.031	18
19	0.012	0.009	0.011	0.140	0.183	0.158	0.042	0.025	0.031	0.021	0.046	0.030	19
20	0.012	0.008	0.011	0.160E	0.180	0.155	0.042	0.025	0.031	0.021	0.048	0.030	20
21	0.012	0.008	0.012	0.190E	0.155	0.140E	0.038	0.048E	0.030	0.021	0.046	0.030	21
22	0.012	0.008	0.012	0.247	0.145	0.134	0.038	0.050	0.028	0.028E	0.042E	0.029	22
23	0.012	0.008	0.013	0.214	0.161	0.125E	0.038	0.050	0.027	0.044	0.038	0.028E	23
24	0.012	0.008	0.013	0.183	0.147	0.121	0.038	0.042	0.026	0.044	0.034	0.028E	24
25	0.012E	0.008	0.015E	0.173	0.137	0.130	0.033	0.042	0.028	0.037E	0.033E	0.030E	25
26	0.012	0.008	0.015E	0.158	0.143E	0.173	0.033	0.084	0.026	0.031	0.033	0.030E	26
27	0.012	0.008	0.017	0.148	0.145	0.140E	0.031	0.068	0.024	0.030	0.033	0.028	27
28	0.012	0.008	0.016	0.140	0.150	0.118	0.028	0.070	0.023E	0.028E	0.033E	0.026	28
29	0.012		0.017	0.142	0.148	0.105	0.028	0.064	0.022	0.028E	0.032E	0.027	29
30	0.012		0.017	0.158	0.168E	0.098E	0.028	0.060	0.022	0.024E	0.032	0.027E	30
31	0.012		0.023		0.183		0.028	0.062		0.023E		0.028E	31
TOTAL	0.378	0.278	0.381	2.827	5.808	5.022	1.870	1.148	1.101	0.743	1.087	1.068	TOTAL
MEAN	0.012	0.010	0.013	0.094	0.213	0.167	0.054	0.037	0.037	0.024	0.036	0.034	MEAN
MAX	0.014	0.011	0.023	0.247	0.388	0.238	0.084	0.070	0.059	0.044	0.068	0.068	MAX
MIN	0.012	0.008	0.008	0.016	0.137	0.098	0.028	0.028	0.022	0.020	0.021	0.027	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.081
MAXIMUM DAILY, 0.388 ON MAY 10
MINIMUM DAILY, 0.008 ON MAR 3

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 30 12 N
LONG 117 15 37 W
DRAINAGE AREA, 4.40 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	32.4	JUL	144
FEB	23.8	AUG	99.0
MAR	33.8	SEP	95.1
APR	244	OCT	64.2
MAY	571	NOV	93.9
JUN	434	DEC	91.2

TOTAL DISCHARGE, 1 830 dam³

FIFTYNINE CREEK NEAR CLINTON - STATION NO. 08LF080

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0288	0.0218	0.0298	0.034	0.026	0.023	0.024	0.026	0.026	0.010	0.023	0.026	1
2	0.0288	0.0228	0.0308	0.033	0.026	0.024	0.023	0.088	0.021	0.009	0.026	0.029	2
3	0.0308	0.0238	0.0318	0.032	0.026	0.023	0.018	0.030	0.018	0.038	0.032	0.031	3
4	0.0308	0.0248	0.0328	0.032	0.026	0.022	0.024	0.023	0.020	0.023	0.032	0.030	4
5	0.0308	0.0268	0.0338	0.035	0.027	0.022	0.024	0.024	0.029	0.018	0.027	0.029	5
6	0.0288	0.0288	0.034E	0.041	0.028	0.023	0.019	0.152	0.030	0.028	0.027	0.026	6
7	0.0288	0.0308	0.033E	0.038	0.031	0.020	0.018	0.047	0.014	0.020	0.028	0.026	7
8	0.0288	0.0318	0.033E	0.034	0.025	0.020	0.014	0.013	0.021	0.020	0.029	0.028	8
9	0.0288	0.0328	0.034E	0.033	0.024	0.028	0.010	0.007	0.014	0.028	0.026	0.026	9
10	0.0308	0.0338	0.034E	0.031	0.028	0.022	0.074	0.007	0.010	0.028	0.027	0.026	10
11	0.0318	0.0348	0.032E	0.033	0.025	0.018	0.020	0.015	0.018	0.028	0.026	0.028	11
12	0.0328	0.0368	0.029E	0.035	0.024	0.014	0.014	0.012	0.048	0.028	0.026	0.028	12
13	0.0318	0.0378	0.030E	0.033	0.026	0.015	0.035	0.014	0.025	0.029	0.026	0.029	13
14	0.0318	0.0378	0.031E	0.030	0.022	0.017	0.028	0.011	0.022	0.028	0.025	0.026	14
15	0.0328	0.0378	0.030E	0.028	0.028	0.026	0.042	0.037	0.024	0.024	0.026	0.026	15
16	0.0338	0.0388	0.028E	0.030	0.034	0.028	0.032	0.043	0.020	0.023	0.026	0.026	16
17	0.0348	0.0358	0.027E	0.031	0.035	0.026	0.036	0.026	0.007	0.029	0.026	0.026B	17
18	0.0388	0.0348	0.028E	0.028	0.028	0.017	0.028	0.023	0.028	0.024	0.026	0.027B	18
19	0.0388	0.0388	0.029E	0.026	0.029	0.020	0.022	0.024	0.030	0.018	0.029	0.026B	19
20	0.0388	0.0388	0.029E	0.026	0.024	0.023	0.019	0.027	0.052	0.030	0.029	0.026B	20
21	0.0338	0.0378	0.028A	0.026	0.027	0.031	0.021	0.028	0.088	0.022	0.027	0.026B	21
22	0.0308	0.0388	0.030E	0.026	0.027	0.029	0.026	0.027	0.070	0.022	0.027	0.027B	22
23	0.0318	0.0408	0.031E	0.026	0.027	0.022	0.020	0.029	0.069	0.029	0.027	0.026B	23
24	0.0328	0.0408	0.032E	0.027	0.027	0.018	0.018	0.022	0.075	0.032	0.026	0.026B	24
25	0.0348	0.0378	0.033A	0.028	0.028	0.027	0.018	0.018	0.045	0.028	0.026	0.026B	25
26	0.0348	0.0348	0.032	0.030	0.023	0.030	0.018	0.014	0.023	0.026	0.026	0.026B	26
27	0.0358	0.0348	0.033	0.031	0.027	0.021	0.018	0.008	0.023	0.030	0.027	0.026B	27
28	0.0368	0.0328	0.032	0.026	0.028	0.023	0.018	0.008	0.022	0.026	0.027	0.026B	28
29	0.0358		0.031	0.026	0.024	0.024	0.021	0.038	0.021	0.026	0.027	0.027B	29
30	0.0358		0.036	0.025	0.022	0.024	0.018	0.020	0.018	0.026	0.027	0.027B	30
31	0.0368		0.036		0.020		0.020	0.024		0.027	0.027	0.026B	31
										0.024		0.026B	
TOTAL	0.965	0.920	0.970	0.912	0.828	0.677	0.743	0.855	0.894	0.771	0.810	0.869	TOTAL
MEAN	0.032	0.033	0.031	0.030	0.027	0.023	0.024	0.028	0.030	0.025	0.027	0.028	MEAN
MAX	0.038	0.040	0.036	0.041	0.035	0.031	0.074	0.152	0.075	0.038	0.032	0.031	MAX
MIN	0.026	0.021	0.027	0.025	0.020	0.014	0.010	0.008	0.007	0.009	0.023	0.026	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.028
MAXIMUM DAILY, 0.152 ON AUG 6
MINIMUM DAILY, 0.006 ON AUG 28
MAXIMUM INSTANTANEOUS,
0.930 AT 10:12 PST ON JUL 10

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 15 30 N
LONG 121 40 52 W
DRAINAGE AREA, 39.4 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	85.1	JUL	84.2
FEB	79.5	AUG	73.5
MAR	83.8	SEP	77.2
APR	78.8	OCT	66.6
MAY	71.6	NOV	70.0
JUN	58.5	DEC	75.1

TOTAL DISCHARGE, 884 dam³

FINLAY RIVER ABOVE AKIE RIVER - STATION NO. 07EA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	59.0B	53.7B	42.5B	40.0B	183	1 020	528E	371	248	288	135	114 B	1
2	59.0B	53.0B	42.3B	39.8B	239	1 030	528E	382	248	256	136	115 B	2
3	59.0B	53.0B	42.5B	39.9B	285	996	538E	383	244	244	137	115 B	3
4	58.7B	53.0B	43.0B	40.0B	343	988	510E	388	234	239	138	116 B	4
5	58.5B	52.5B	43.2B	40.2B	419	1 100	590E	350	230	242	138	119 B	5
6	58.4B	52.0B	43.5B	41.7B	502	1 130	540E	348	221	238	133	114 B	6
7	58.3B	51.8B	43.6B	42.0B	570	1 040	530E	365	214	231	128 B	111 B	7
8	58.1B	50.5B	43.7B	42.0B	621	988	520E	358	211	226	123 B	109 B	8
9	58.0B	49.2B	43.2B	41.5B	654	940	485E	352	205	220	121 B	108 B	9
10	58.0B	48.7B	43.0B	41.5B	690	928	492E	281	198	218	118 B	103 B	10
11	58.0B	48.0B	42.3B	47.5B	693	917	490E	402	192	217	108 B	101 B	11
12	58.1B	47.7B	42.1B	48.5B	650	844	480E	441	188	211	92.4B	100 B	12
13	58.5B	47.5B	42.0B	50.5B	598	1 010	482E	411	182	204	89.1B	99.0B	13
14	58.6B	47.5B	42.2B	52.5B	562	1 020	478E	387	177	197	71.7B	98.2B	14
15	59.0B	47.5B	42.3B	55.0B	537	986	475E	376	172	188	100 B	98.2B	15
16	59.0B	47.5B	42.2B	56.0B	588	870	455E	386	168	172	120 B	97.4B	16
17	59.0B	47.5B	42.0B	60.0B	604	745	438E	383	164	168	122 B	96.2B	17
18	58.7B	47.4B	41.9B	63.0B	578	673	415E	381	158	174	124 B	94.2B	18
19	58.5B	47.2B	41.8B	66.0B	550	644	419A	358	156	176	123 B	91.4B	19
20	58.4B	47.0B	41.8B	70.0B	543	610	409	344	152	177	119 B	88.5B	20
21	58.0B	46.5B	41.8B	75.0B	523	580	401	341	153	178	114 B	85.5B	21
22	57.8B	46.4B	41.8B	80.0B	488	574	388	335	248	172	112 B	84.0B	22
23	57.6B	46.2B	41.8B	84.0B	478	582A	361	328	285	167	111 B	84.0B	23
24	57.5B	46.0B	41.8B	90.0B	476	595E	372	325	269	160	110 B	84.5B	24
25	57.3B	45.8B	41.8B	97.0B	476	640E	359	317	250	155	111 B	85.5B	25
26	58.2B	46.0B	41.7B	107 B	480	678E	344	304	233	156	112 B	86.0B	26
27	58.1B	44.3B	41.4B	118 B	503	685E	330	291	220	151	113 B	90.5B	27
28	58.0B	43.5B	41.2B	131 B	508	808E	323	281	211	1448	113 B	92.5B	28
29	57.8B		41.0B	142 B	553	870E	318	270	210	141	113 B	93.5B	29
30	58.5B		40.8B	159	590	838E	378	258	251	142	113 B	92.0B	30
31	54.5B		40.5B		607		388	250		138		88.5B	31
TOTAL	1 802.8	1 355.9	1 305.7	2 076.2	16 563	24 804	13 885	10 749	6 320	6 983	3 497.2	3 050.7	TOTAL
MEAN	58.2	48.4	42.2	69.3	534	830	447	347	211	182	117	98.4	MEAN
MAX	59.0	53.7	43.7	159	607	1 130	810	441	288	288	138	119	MAX
MIN	54.5	43.6	40.5	39.8	183	536	323	250	156	139	71.7	84.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 350
MAXIMUM DAILY, 1 130 ON JUN 5
MINIMUM DAILY, 39.8B ON APR 2
MAXIMUM INSTANTANEOUS,
1 150 AT 00:53 PST ON JUN 6

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 07 40 N
LONG 125 15 00 W
DRAINAGE AREA, 19 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	155 000	JUL	1 200 000
FEB	117 000	AUG	928 000
MAR	113 000	SEP	548 000
APR	180 000	OCT	518 000
MAY	1 430 000	NOV	302 000
JUN	2 130 000	DEC	264 000

TOTAL DISCHARGE, 7 880 000 dam³

FISHER CREEK AT WEST BOUNDARY D.L. 3699 - STATION NO. 08LD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.085	1.22	0.800	0.134	0.033	0.131	0.018	---	---	1
2	---	---	---	0.082	1.26	0.718	0.144	0.088	0.107	0.013	---	---	2
3	---	---	---	0.088	1.26	0.688	0.118	0.172	0.094	0.018	---	---	3
4	---	---	---	0.084	1.17	0.818	0.108	0.108	0.088	0.018	---	---	4
5	---	---	---	0.084	1.28	0.538	0.111	0.083	0.088	0.014	---	---	5
6	---	---	---	0.084	1.43	0.441	0.088	0.070	0.078	0.014	---	---	6
7	---	---	---	0.072	1.32	0.383	0.088	0.081	0.073	0.014	---	---	7
8	---	---	---	0.078	1.26	0.327	0.084	0.087	0.088	0.013	---	---	8
9	---	---	---	0.075	1.38	0.278	0.082	0.048	0.080	0.011	---	---	9
10	---	---	---	0.080	1.88	0.230	0.087	0.044	0.084	0.025A	---	---	10
11	---	---	---	0.081	1.38	0.208	0.108	0.038	0.080	---	---	---	11
12	---	---	---	0.118	1.02	0.174	0.088	0.031	0.047	---	---	---	12
13	---	---	---	0.184	0.831	0.153	0.080	0.031	0.042	---	---	---	13
14	---	---	---	0.282	0.808	0.181	0.075	0.043	0.038	---	---	---	14
15	---	---	---	0.387	0.827	0.287	0.288	0.112	0.036	---	---	---	15
16	---	---	---	0.382	1.07	0.234	0.239	0.185	0.082	---	---	---	16
17	---	---	---	0.303	1.27	0.208	0.188	0.148	0.074	---	---	---	17
18	---	---	---	0.271	1.28	0.187	0.131	0.111	0.084	---	---	---	18
19	---	---	---	0.328	1.05	0.147	0.107	0.101	0.080	---	---	---	19
20	---	---	---	0.513	0.839	0.181	0.088	0.108	0.082	---	---	---	20
21	---	---	---	0.887	0.718	0.141	0.093	0.238	0.047	---	---	---	21
22	---	---	---	0.811	0.845	0.158	0.080	0.182	0.043	---	---	---	22
23	---	---	---	0.518	0.788	0.124	0.083	0.184	0.037	---	---	---	23
24	---	---	---	0.477	0.825	0.110	0.073	0.138	0.033	---	---	---	24
25	---	---	---	0.481	0.787	0.107	0.088	0.118	0.030	---	---	---	25
26	---	---	---	0.528	0.723	0.123	0.080	0.102	0.027	---	---	---	26
27	---	---	---	0.578	0.701	0.112	0.081	0.088	0.028	---	---	---	27
28	---	---	---	0.831	0.717	0.111	0.084	0.092	0.022	---	---	---	28
29	---		---	0.818	0.730	0.117	0.083	0.088	0.021	---	---	---	29
30	---		0.078A	1.07	0.738	0.138	0.038	0.084	0.018	---	---	---	30
31	---		0.088		0.805		0.038	0.124		---		---	31
TOTAL	---	---	---	9.884	31.638	8.148	3.122	3.110	1.858	---	---	---	TOTAL
MEAN	---	---	---	0.329	1.02	0.272	0.101	0.100	0.055	---	---	---	MEAN
MAX	---	---	---	1.07	1.88	0.800	0.288	0.238	0.131	---	---	---	MAX
MIN	---	---	---	0.084	0.845	0.107	0.038	0.031	0.018	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.88 ON MAY 10

MAXIMUM INSTANTANEOUS,
1.84 AT 13:18 PST ON MAY 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 25 32 N
LONG 118 28 04 W
DRAINAGE AREA, 14.7 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	270
FEB	---	AUG	288
MAR	---	SEP	143
APR	884	OCT	---
MAY	2 730	NOV	---
JUN	704	DEC	---

FISHTRAP CREEK AT INTERNATIONAL BOUNDARY - STATION NO. 08MH153

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.30	0.988	0.824	1.48	0.526	0.514	0.380	0.148	0.130	0.082	0.184	0.882	1
2	1.81	0.788	0.888	2.18	0.884	0.472	0.328	0.188	0.144	0.082	0.174	0.818	2
3	2.88	0.881	0.838	1.35	0.808	0.428	0.380	0.147	0.137	0.078	1.21	1.78	3
4	2.81	0.871	0.822	1.81	0.488	0.382	0.284	0.140	0.130	0.084	3.80	4.14	4
5	1.88	0.888	0.781	3.09	0.484	0.372	0.271	0.117	0.128	0.083	1.04	2.27	5
6	1.27	0.848	1.23	2.23	0.481	0.383	0.284	0.102	0.127	0.080	1.48	2.07	6
7	1.08	0.823	0.933	1.88	0.448	0.321	0.223	0.108	0.113	0.081	1.38	1.43	7
8	0.953	0.808	0.802	1.33	0.438	0.343	0.187	0.094	0.111	0.080	2.01	3.01	8
9	1.22	0.807	0.852	1.11	0.418	0.332	0.183	0.072	0.102	0.078	5.81	1.82	9
10	1.81	0.805	0.883	0.882	0.404	0.317	0.183	0.080	0.080	0.103	8.32	1.18	10
11	1.17	0.880	1.18	0.883	0.428	0.300	0.181	0.077	0.088	0.130	5.04	0.981	11
12	1.38	0.880	1.88	0.843	0.412	0.278	0.171	0.088	0.081	0.337	3.08	0.883	12
13	1.77	0.853	1.88	0.808	0.373	0.300	0.187	0.077	0.082	0.288	1.77	0.810	13
14	1.38	0.822	1.48	0.788	0.348	0.402	0.183	0.118	0.083	0.288	1.38	0.781	14
15	2.28	0.811	1.08	0.738	0.333	0.318	0.211	0.172	0.083	0.128	1.11	0.717	15
16	5.43	0.812	0.883	0.703	0.328	0.338	0.180	0.184	0.087	0.108	1.02	0.882	16
17	3.42	0.804	0.810	0.874	0.488	0.338	0.244	0.184	0.105	0.101	1.03	0.852	17
18	4.98	0.488	0.854	0.848	1.08	0.447	0.218	0.128	0.103	0.170	0.883	0.818	18
19	2.43	0.888	0.848	0.704	0.741	0.438	0.178	0.117	0.100	0.200	0.900	0.820	19
20	1.88	0.818	0.728	0.842	0.488	0.478	0.178	0.128	0.088	0.138	1.82	0.783	20
21	1.88	0.878	1.21	1.88	0.418	0.331	0.184	0.858	0.084	0.821	1.83	0.718	21
22	1.48	1.84	1.02	0.887	0.401	0.314	0.144	1.02	0.081	0.238	1.13	0.888	22
23	1.28	1.18	0.808	0.784	0.804	0.288	0.132	0.287	0.084	0.382	1.44	0.841	23
24	1.13	1.22	0.723	0.881	0.837	0.288	0.188	0.218	0.088	1.22	1.47	0.888	24
25	1.07	0.804	1.44	0.838	0.808	0.248	0.138	0.187	0.080	0.288	1.80	0.888	25
26	1.11	0.778	1.41	0.880	0.818	0.224	0.120	0.180	0.080	1.12	1.30	0.841	26
27	1.18	0.788	1.80	0.881	2.26	0.258	0.143	0.188	0.084	0.887	1.08	0.843	27
28	1.02	0.723	1.44	0.871	1.38	0.312	0.112	0.181	0.080	0.428	0.937	0.882	28
29	0.878		1.74	0.888	0.880	0.303	0.107	0.183	0.078	0.280	0.783	0.843	29
30	1.81		1.38	0.874	0.848	0.281	0.108	0.138	0.078	0.208	0.748	0.813	30
31	1.77		1.42		0.878		0.110	0.134		0.208		0.888	31
TOTAL	58.338	20.172	33.714	32.283	18.788	10.333	8.008	8.878	3.003	8.384	58.828	33.308	TOTAL
MEAN	1.82	0.720	1.08	1.08	0.805	0.344	0.184	0.193	0.100	0.270	1.88	1.07	MEAN
MAX	5.43	1.84	1.88	3.09	2.26	0.514	0.380	1.02	0.144	1.23	8.32	4.14	MAX
MIN	0.953	0.488	0.822	0.888	0.328	0.224	0.107	0.088	0.078	0.078	0.174	0.841	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.778
MAXIMUM DAILY, 8.32 ON NOV 10
MINIMUM DAILY, 0.088 ON AUG 12
MAXIMUM INSTANTANEOUS,
8.78 AT 08:42 PST ON NOV 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 10 N
LONG 123 24 32 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 870	JUL	818
FEB	1 740	AUG	918
MAR	2 810	SEP	388
APR	2 780	OCT	724
MAY	1 820	NOV	4 830
JUN	883	DEC	2 870

TOTAL DISCHARGE, 24 800 dam³

FISHTRAP CREEK NEAR MCLURE - STATION NO. 08LB024

DAILY DISCHARGE IN CUB.C METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.187	0.123	0.103	0.180	4.59	1.60	0.708	0.282	0.873	0.344	0.420	0.386	1
2	0.188	0.113	0.102	0.167	5.34	1.48	0.685	0.812	0.880	0.338	0.405	0.383	2
3	0.188	0.100	0.103	0.184	5.37	1.37	0.629	0.882	0.889	0.330	0.440	0.388	3
4	0.187	0.102	0.103	0.151	4.70	1.26	0.588	0.701	0.824	0.323	0.944	0.411	4
5	0.182	0.103	0.101	0.184	4.40	1.17	0.595	0.595	0.781	0.319	0.709	0.408	5
6	0.179	0.105	0.101	0.189	4.18	1.12	0.632	0.533	0.733	0.319	0.874	0.400	6
7	0.174	0.103	0.088	0.172	3.90	1.07	0.602	0.501	0.695	0.311	0.834	0.389	7
8	0.180	0.089	0.100	0.172	3.69	1.01	0.491	0.515	0.662	0.304	0.899	0.405	8
9	0.188	0.097	0.103	0.173	3.27	0.988	0.486	0.488	0.823	0.295	0.888	0.397	9
10	0.188	0.098	0.103	0.183	3.28	0.948	0.481	0.441	0.585	0.323	0.840	0.378	10
11	0.188	0.098	0.106	0.203	3.10	0.885	0.512	0.397	0.557	0.381	0.854	0.345	11
12	0.188	0.098	0.111	0.238	2.74	0.834	0.484	0.382	0.534	0.382	0.816	0.381	12
13	0.188	0.096	0.117	0.280	2.43	0.805	0.462	0.367	0.509	0.382	0.892	0.388	13
14	0.187	0.097	0.117	0.333	2.22	0.833	0.881	0.358	0.488	0.348	0.863	0.380	14
15	0.188	0.097	0.118	0.405	2.08	0.809	0.806	0.478	0.484	0.337	0.478	0.357	15
16	0.189	0.098	0.118	0.480	2.01	0.833	0.780	1.20	0.483	0.323	0.831	0.358	16
17	0.187	0.098	0.118	0.583	2.32	0.842	0.867	1.15	0.552	0.316	0.498	0.352	17
18	0.184	0.094	0.118	0.723	2.44	0.778	0.816	1.03	0.520	0.314	0.495	0.332	18
19	0.183	0.093	0.118	0.862	2.42	0.780	0.853	1.06	0.573	0.309	0.484	0.3308	19
20	0.181	0.094	0.116	1.48	2.38	0.780	0.808	1.02	0.843	0.301	0.499	0.3158	20
21	0.180	0.093	0.120	2.31	2.20	0.738	0.816	1.08	0.515	0.298	0.487	0.3208	21
22	0.158	0.095	0.122	2.82	2.00	0.718	0.873	1.17	0.488	0.300	0.422	0.770	22
23	0.147	0.087	0.121	2.81	1.94	0.680	0.525	1.25	0.486	0.326	0.486	0.352	23
24	0.148	0.100	0.121	2.83	2.15	0.640	0.477	1.08	0.447	0.597	0.458	0.347	24
25	0.148	0.102	0.128	2.80	2.47	0.809	0.440	0.977	0.430	0.848	0.444	0.338	25
26	0.147	0.103	0.139	3.10	2.49	0.588	0.408	0.911	0.410	0.830	0.433	0.331	26
27	0.148	0.102	0.154	3.17	2.41	0.834	0.381	0.857	0.388	0.838	0.408	0.329	27
28	0.144	0.104	0.152	3.43	2.29	0.641	0.361	0.782	0.368	0.857	0.415	0.330	28
29	0.143		0.150	3.86	2.08	0.884	0.334	0.730	0.372	0.800	0.408	0.329	28
30	0.144		0.148	4.32	1.91	0.738	0.319	0.888	0.350	0.488	0.392	0.329	30
31	0.138		0.148		1.74		0.301	0.783		0.442		0.328	31
TOTAL	5.648	2.797	3.871	38.293	90.32	28.804	18.300	23.258	17.288	11.920	18.840	11.187	TOTAL
MEAN	0.183	0.100	0.118	1.28	2.91	0.883	0.526	0.750	0.578	0.385	0.618	0.380	MEAN
MAX	0.188	0.123	0.154	4.32	5.37	1.60	0.806	1.25	0.873	0.845	0.708	0.411	MAX
MIN	0.126	0.093	0.088	0.180	1.74	0.588	0.301	0.282	0.350	0.295	0.392	0.315	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.718
MAXIMUM DAILY, 5.37 ON MAY 3
MINIMUM DAILY, 0.093 ON FEB 19
MAXIMUM INSTANTANEOUS,
5.59 AT 23:38 PST ON MAY 2

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 07 25 N
LONG 120 12 40 W
DRAINAGE AREA, 135 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	438	JUL 1	410
FEB	242	AUG 2	010
MAR	317	SEP 1	490
APR 3	310	OCT 1	030
MAY 7	800	NOV 1	340
JUN 2	320	DEC	988

TOTAL DISCHARGE, 22 700 dam³

FIVE MILE CREEK ABOVE CITY INTAKE - STATION NO. 08NJ188

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.212	0.146	0.127	0.137	1.94	5.08	2.28	0.301	0.577	0.244E	0.287	0.5858	1
2	0.208	0.134	0.124	0.138	2.57	6.80	2.15	0.303	0.640	0.261E	0.286	0.5508	2
3	0.209	0.1328	0.120	0.134	3.81	7.87	1.95	0.316	0.594	0.255E	0.294	0.545	3
4	0.219	0.1328	0.121	0.134	3.80	7.44	1.78	0.300	0.528	0.252E	0.308	0.642	4
5	0.216	0.1328	0.121	0.134	3.49	7.92	1.60	0.286	0.610	0.240E	0.294	0.696	5
6	0.209	0.1318	0.120	0.141	4.78	8.48	1.44	0.273	0.522	0.238E	0.291	0.613	6
7	0.208	0.1288	0.123	0.188	7.04	8.11	1.39	0.263	0.486	0.230E	0.282	0.535	7
8	0.188	0.1268	0.126	0.182	6.84	7.83	1.27	0.258	0.462	0.226E	0.283	0.5568	8
9	0.186	0.1258	0.122	0.170	7.02	7.80	1.13	0.504	0.472	0.222E	0.898	0.538	9
10	0.193	0.1288	0.189	0.185	8.10	8.32	1.44	0.490	0.444	0.218E	1.55	0.490	10
11	0.192	0.1318	0.188	0.172	7.48	8.73	1.21	0.331	0.418	0.218E	1.48	0.4758	11
12	0.191	0.1338	0.185	0.184	6.92	8.68	1.07	0.297	0.404	0.218E	1.08	0.4628	12
13	0.188	0.1318	0.181	0.224	6.22	8.92	1.03	0.340	0.388	0.230E	0.915	0.4608	13
14	0.188	0.1248	0.185	0.283	5.53	8.80	0.938	0.295	0.382	0.288E	0.818	0.448	14
15	0.186	0.1208	0.153	0.410	3.28	8.58	0.847	0.352	0.370E	0.237A	0.8108	0.427	15
16	0.180	0.1208	0.151	0.420	3.46	7.83	0.773	0.329	0.361E	0.228E	0.7808	0.411	16
17	0.185	0.1228	0.150	0.423	3.58	8.42	0.720	0.368	0.380E	0.230E	0.758	0.407	17
18	0.182	0.1248	0.145	0.448	3.71	8.80	0.681	0.320	0.355E	0.236E	0.741	0.396	18
19	0.177	0.1268	0.145	0.752	3.88	8.60	0.632	0.310	0.335E	0.245E	0.723	0.395	19
20	0.178	0.1238	0.143	1.12	3.44	8.02	0.606	0.386	0.301A	0.251A	0.725	0.378	20
21	0.177	0.1178	0.141	1.65	2.30	3.45	0.561	0.887	0.293E	0.255E	0.735	0.378	21
22	0.166	0.1138	0.141	1.80	2.32	3.56	0.515	0.830	0.288E	0.260F	0.7408	0.372	22
23	0.156	0.1128	0.141	1.60	2.53	3.33	0.474	0.843	0.277E	0.260E	0.7008	0.385	23
24	0.158	0.1148	0.137	1.27	2.32	3.08	0.443	0.811	0.268E	0.480E	0.6708	0.380	24
25	0.158	0.1178	0.135	1.18	2.14	2.97	0.407	0.537	0.255E	1.20 E	0.6608	0.356	25
26	0.160	0.1188	0.137	1.07	2.18	3.86	0.383	0.604	0.249E	0.600E	0.605	0.356	26
27	0.163	0.1188	0.138	1.01	2.42	3.60	0.372	0.936	0.245A	0.480E	0.5958	0.352	27
28	0.148	0.1208	0.137	0.982	2.71	2.78	0.388	0.693	0.240E	0.400E	0.5808	0.348	28
29	0.148		0.137	1.10	2.38	2.83	0.348	0.703	0.238E	0.355E	0.5708	0.335	29
30	0.150		0.138	1.43	2.61	2.47	0.333	0.820	0.240E	0.306A	0.5808	0.330	30
31	0.159		0.138		3.83		0.318	0.884		0.273		0.329	31
TOTAL	5.842	3.498	4.409	18.888	115.08	183.04	28.424	14.330	11.828	8.739	19.888	13.883	TOTAL
MEAN	0.182	0.125	0.142	0.632	3.71	6.43	0.948	0.462	0.388	0.314	0.857	0.447	MEAN
MAX	0.219	0.148	0.188	1.80	8.10	8.48	2.28	0.936	0.640	1.20	1.55	0.696	MAX
MIN	0.148	0.113	0.120	0.134	1.94	2.47	0.318	0.288	0.235	0.218	0.282	0.328	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.12
MAXIMUM DAILY, 8.48 ON JUN 8
MINIMUM DAILY, 0.1128 ON FEB 23
MAXIMUM INSTANTANEOUS,
8.71 AT 20:01 PST ON MAY 10

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 31 08 N
LONG 117 12 44 W
DRAINAGE AREA, 47.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	487	JUL 2	540
FEB	302	AUG 1	240
MAR	381	SEP 1	000
APR 1	840	OCT	841
MAY 9	845	NOV 1	700
JUN 14	100	DEC 1	200

TOTAL DISCHARGE, 35 400 dam³

FLATBED CREEK AT KILOMETRE 110 HERITAGE HIGHWAY - STATION NO. 07FB009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3538	0.0888	0.1088	0.2388	14.9	22.7	9.28	4.00E	2.71E	3.70E	1.58E	1.85E	1
2	0.3528	0.1008	0.1108	0.2388	15.5	18.2	8.18	5.30E	2.40E	2.85E	1.50E	1.74E	2
3	0.3608	0.1058	0.1208	0.2458	15.5	15.3	8.20	5.90E	2.23E	2.34E	1.84E	2.65E	3
4	0.3158	0.1128	0.1148	0.2538	19.6	15.6	6.53	5.10E	2.14E	2.15E	1.76E	3.11E	4
5	0.2828	0.1208	0.1158	0.2888	22.2	15.5	6.14	3.90E	2.28E	2.00E	1.72E	2.88E	5
6	0.2108	0.1228	0.1208	0.2758	28.2	13.0	2.86	3.05E	3.71E	1.74E	1.88E	2.88E	6
7	0.1858	0.1238	0.1338	0.2808	29.8	10.5	2.77	3.30E	4.38E	1.70E	1.57E	2.28E	7
8	0.1808	0.1228	0.1408	0.2908	27.4	9.92	11.0	4.80E	3.78E	1.82E	1.50E	1.81E	8
9	0.1638	0.1188	0.1388	0.3008	24.6	30.0 A	17.1	5.80E	2.80E	1.80E	1.60E	1.74E	9
10	0.1858	0.1108	0.1378	0.3108	23.5	51.2	18.8	7.00E	2.21E	1.84E	1.83E	1.85E	10
11	0.1878	0.1088	0.1388	0.3308	18.8	31.3	18.0 A	7.80E	1.97E	2.04E	1.94E	1.78E	11
12	0.2008	0.1048	0.1448	0.3488	15.4	20.9	13.5 E	5.40E	1.68E	2.01E	1.78E	2.21E	12
13	0.1808	0.1008	0.1628	0.3608	13.9	15.4	10.0 E	3.30E	1.77E	1.98E	1.68E	2.23E	13
14	0.1408	0.0978	0.1858	0.4008	12.8	12.4	8.30E	3.00E	1.70E	1.74E	1.54E	1.83E	14
15	0.1458	0.0938	0.1828	0.4308	11.3	9.80	7.00E	2.85E	1.79E	1.58E	1.45E	1.84E	15
16	0.1518	0.0888	0.1808	0.4808	11.8	8.84	6.00E	3.80E	2.08E	1.50E	1.47E	1.80E	16
17	0.1548	0.0888	0.1628	0.5208	11.1	6.52	5.40E	5.40E	2.24E	1.44E	3.08E	1.43E	17
18	0.1558	0.0908	0.1888	0.5808	8.43	5.28	4.80E	5.20E	2.43E	1.48E	3.04E	1.37E	18
19	0.1808	0.0888	0.1838	0.6708	8.54	2.67	4.20E	4.85E	3.31E	1.48E	2.85E	1.44E	19
20	0.1888	0.1058	0.2058	0.8608	12.1	2.25	3.80E	12.0 E	4.88E	3.45E	2.41E	1.49E	20
21	0.1858	0.1108	0.2208	1.50 B	12.8	2.13	3.60E	14.2 E	4.72E	3.40E	2.18E	1.54E	21
22	0.1458	0.1188	0.2308	2.50 B	12.1	1.88	3.45E	13.0 E	4.24E	3.23E	2.00E	1.63E	22
23	0.1308	0.1208	0.2388	3.40 B	11.8	2.17	3.25E	11.2 E	3.05E	3.00E	1.88E	1.78E	23
24	0.1238	0.1218	0.2388	5.08	13.3	2.03	3.05E	8.61E	2.58E	2.42E	1.74E	1.80E	24
25	0.1408	0.1198	0.2308	6.82	15.5	1.78	2.88E	7.58E	2.22E	2.24E	1.70E	2.01E	25
26	0.1858	0.1158	0.2248	8.40	16.5	8.23	2.65E	6.61E	2.14E	2.08E	1.67E	1.84E	26
27	0.1848	0.1108	0.2238	7.80	15.9	24.8	2.52E	6.53E	2.08E	1.98E	1.63E	1.68E	27
28	0.1408	0.1088	0.2218	8.20	13.7	24.7	2.40E	6.68E	2.08E	1.84E	1.45E	1.77E	28
29	0.1088		0.2228	10.8	12.4	17.2	2.30E	6.01E	2.21E	1.81E	1.41E	1.70E	29
30	0.1008		0.2358	13.6	14.4	17.0	2.12E	3.62E	3.88E	1.74E	1.42E	1.63E	30
31	0.0988		0.2408		20.8		2.05E	3.15E		1.88E		1.88E	31
TOTAL	5.894	3.016	5.398	74.280	505.87	404.89	192.05	183.95	81.44	85.22	54.84	58.50	TOTAL
MEAN	0.184	0.108	0.174	2.48	16.4	13.5	6.20	5.93	2.71	2.10	1.82	1.89	MEAN
MAX	0.353	0.123	0.240	13.6	29.8	51.2	17.1	14.2	4.72	3.70	3.08	3.11	MAX
MIN	0.098	0.088	0.108	0.238	8.43	1.78	2.05	2.85	1.70	1.44	1.41	1.37	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.48
MAXIMUM DAILY, 51.2 ON JUN 10
MINIMUM DAILY, 0.0888 ON FEB 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 05 21 N
LONG 120 58 24 W
DRAINAGE AREA, 897 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	492	JUL	16 800
FEB	261	AUG	15 800
MAR	498	SEP	7 040
APR	6 420	OCT	5 640
MAY	43 800	NOV	4 720
JUN	35 300	DEC	5 050

TOTAL DISCHARGE, 142 000 dam³

FLATHEAD RIVER AT FLATHEAD - STATION NO. 08NP001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.40B	3.50B	3.10B	4.41	58.5	80.6	41.1	11.8	12.5	7.80	12.0	17.0 B	1
2	4.40B	2.80B	2.80B	4.49	78.0	110	43.7	11.5	18.8	7.88	11.5	16.7 B	2
3	4.80B	2.50B	2.80B	4.39	82.7	120	45.3	11.4	21.5	7.38	11.3	16.9 B	3
4	5.00B	2.45B	2.85B	4.28	85.4	118	42.5	11.4	18.9	7.23	12.9	19.0 B	4
5	4.98B	2.85B	3.15B	4.89	97.0	120	40.8A	11.2	17.6	7.09	13.7	21.0 B	5
6	4.40B	3.00B	3.40B	5.20	128	137	38.1A	10.7	16.2	7.04	13.0	20.2 B	6
7	4.00B	3.30B	3.85B	7.06	167	144	33.8A	10.2	17.3	8.90	11.8	19.3 B	7
8	3.85B	3.48B	3.77B	7.94	181	133	27.8A	10.1	18.0	8.78	11.1	18.6 B	8
9	3.70B	3.82B	3.82B	7.83	188	124	25.0A	10.1	15.2	8.82	13.4	18.3 B	9
10	3.55B	3.50B	4.10B	7.54	188	134	22.8A	10.8	14.7	8.69	87.9	18.0 B	10
11	3.80B	3.48B	4.40B	7.78	180	124	21.9A	9.93	14.0	7.48	185	12.7 B	11
12	3.45B	3.47B	4.30B	8.33	122	119	20.8A	9.71	13.2	7.87	108	14.0 B	12
13	3.60B	3.50B	4.35B	10.2	103	108	21.4	9.60	12.5	7.92	89.2	14.5 B	13
14	4.15B	3.82B	4.25B	12.7	88.2	98.5	24.3	9.29	12.0	8.23	81.4	14.9 B	14
15	4.25B	3.80B	4.10B	18.4	84.7	97.3	22.4	9.30	11.9	10.8	40.8	15.0 B	15
16	4.85B	3.48B	3.80B	30.1	82.0	88.7	21.1	8.87	11.1	8.79	35.5	14.8 B	16
17	4.85B	3.48B	3.85B	29.8	104	81.1	20.3	9.01	10.7	8.89	32.4	13.8 B	17
18	4.75B	3.43B	3.80B	27.4	97.5	88.6	18.3	8.72	10.8	8.85	28.8	13.6 B	18
19	4.80B	3.48B	3.85B	31.8	82.9	86.3	18.4	8.55	10.4	8.38	30.3	11.9 B	19
20	3.95B	3.80B	4.10B	48.3	89.2	79.0	17.8	8.30	9.92	8.85	38.4	10.9 B	20
21	3.70B	3.88B	4.80B	73.0	83.3	88.8	18.8	8.45	9.48	18.4	38.2	9.70B	21
22	3.40B	3.80B	4.74B	98.3	88.0	81.6	18.0	8.58	9.24	23.0	34.7	9.80B	22
23	3.20B	3.70B	4.70B	87.3	80.3	87.6	18.8	8.53	8.98	21.8	30.8	10.0 B	23
24	3.05B	3.65B	4.80B	87.8	73.7	88.6	14.8	8.97	8.78	20.0	28.8	10.4 B	24
25	3.00B	3.70B	4.89B	88.2	63.8	84.8	14.3	10.7	8.59	19.0	27.7	10.8 B	25
26	3.15B	3.87B	4.80B	80.0	58.5	48.4	13.9	10.8	8.38	17.2	25.3	11.4 B	26
27	3.80B	3.83B	4.84	45.4	58.8	45.8	13.8	12.8	8.18	16.3	23.4	11.8 B	27
28	3.80B	3.80B	4.87	40.8	54.0	43.8	13.4	14.6	8.01	15.1	22.3	11.8 B	28
29	4.20B		4.81	40.0	48.4	42.8	13.7	16.1	7.88	14.3	18.98	11.7 B	29
30	4.70B		4.49	46.8	47.3	41.1	13.2	14.0	7.89	13.5	14.08	11.4 B	30
31	4.85B		4.40		54.2		11.8	13.2		12.9		11.2 B	31
TOTAL	126.38	84.80	126.84	888.28	2 876.8	2 714.3	718.8	326.82	372.35	347.78	1 036.1	437.40	TOTAL
MEAN	4.04	3.28	4.08	28.8	92.8	90.5	23.2	10.5	12.4	11.2	34.5	14.1	MEAN
MAX	5.00	3.70	4.80	98.3	181	144	45.3	16.1	21.8	23.0	185	21.0	MAX
MIN	3.00	2.45	2.80	4.28	47.3	41.1	11.8	8.30	7.88	8.82	11.1	8.70	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27.6
MAXIMUM DAILY, 181 ON MAY 8
MINIMUM DAILY, 2.45B ON FEB 4
MAXIMUM INSTANTANEOUS,
188 AT 14:30 MST ON NOV 11

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 02 N
LONG 114 28 35 W
DRAINAGE AREA, 1 110 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 800	JUL	82 100
FEB	8 170	AUG	28 200
MAR	10 800	SEP	32 200
APR	76 700	OCT	30 000
MAY	248 000	NOV	88 300
JUN	235 000	DEC	37 800

TOTAL DISCHARGE, 870 000 dam³

PONTAS RIVER NEAR THE MOUTH - STATION NO. 10CA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.80B	1.38B	1.41B	1.24B	287E	141	13.8	14.8	16.8	32.7A	11.2 B	8.78B	1
2	6.00B	1.41B	1.40B	1.22B	245E	129	13.3	15.7	16.8	43.8A	11.8 B	8.60B	2
3	5.65B	1.42B	1.38B	1.21B	228E	116	13.C	16.2	16.2	46.3A	12.4 B	8.30B	3
4	5.58B	1.43B	1.30B	1.28B	203E	104	13.0	14.2	15.1	44.8A	12.8 B	7.80B	4
5	4.70B	1.42B	1.24B	1.27B	188E	93.4	12.8	13.3	17.4	46.3A	12.6 B	7.60B	5
6	3.40B	1.44B	1.25B	1.31B	171E	84.5	12.8	12.7	18.5	38.3A	12.1 B	7.30B	6
7	2.80B	1.48B	1.28B	1.34B	150E	76.7	14.0	12.2	35.8	43.7A	11.5 B	7.15B	7
8	2.74B	1.46B	1.24B	1.37B	130E	89.9	16.4	12.0	73.7	38.6A	10.9 B	6.88B	8
9	2.64B	1.47B	1.23B	1.40B	113E	85.5	17.2	11.4	82.0	37.8A	10.8 B	6.80B	9
10	2.88B	1.51B	1.22B	1.45B	128E	83.1	16.4	11.8	76.8	36.6A	10.8 B	6.40B	10
11	2.78B	1.52B	1.21B	1.50B	183E	83.1	15.3	11.5	68.8	33.2A	10.9 B	6.20B	11
12	2.80B	1.51B	1.22B	1.58B	190E	80.1	14.1	11.8	58.1	33.8A	10.2 B	6.15B	12
13	2.77B	1.46B	1.23B	2.00B	212E	85.7	13.1	12.4	50.4	21.8A	10.0 B	6.40B	13
14	2.72B	1.40B	1.21B	2.50B	188E	50.8	12.4	20.3	43.8	32.9A	10.1 B	6.60B	14
15	2.68B	1.38B	1.18B	3.40B	187E	48.3	11.8	28.8	36.8	22.4A	10.3 B	6.20B	15
16	2.43B	1.38B	1.17B	4.30B	178E	42.0	11.4	25.1	35.1	22.4A	10.7 B	5.87B	16
17	2.44B	1.42B	1.18B	5.30B	188E	37.8	12.3	22.0	35.0	22.0A	11.1 B	5.80B	17
18	2.48B	1.46B	1.18B	6.70B	168E	34.8	13.3	18.8	35.8A	20.2A	11.2 B	5.68B	18
19	2.40B	1.48B	1.17B	8.70B	151A	31.4	12.8	20.1	36.0A	20.2E	11.1 B	5.80B	19
20	2.38B	1.49B	1.16B	11.2 B	142	29.1	13.0	21.7	40.2A	20.2A	10.8 B	5.38B	20
21	2.38B	1.52B	1.18B	14.0 B	150	27.9	17.5	22.1	39.7E	18.1A	10.3 B	5.28B	21
22	2.28B	1.54B	1.22B	17.0 B	162	25.8	20.9	23.9	39.1A	17.4A	9.78B	5.18B	22
23	2.11B	1.53B	1.23B	25.0 B	238	23.8	21.7	23.3	36.7A	16.8B	9.38B	5.10B	23
24	2.11B	1.49B	1.22B	32.0 B	286	21.3	21.1	24.8	35.1A	16.7B	8.80B	5.12B	24
25	2.13B	1.52B	1.18B	38.0 B	290	20.1	20.2	23.8	39.3A	16.3B	8.85B	5.43B	25
26	2.14B	1.53B	1.16B	58.0 B	285	18.5	18.9	24.5	38.3A	16.8B	8.30B	5.45B	26
27	2.16B	1.52B	1.16B	75.0 B	279	17.4	17.5	25.7	32.8A	16.0B	8.38B	5.42B	27
28	1.92B	1.48B	1.16B	115 B	266	16.5	16.6	24.4	30.8A	13.4B	8.40B	5.38B	28
29	1.86B		1.21B	180 B	235	15.4	15.9	21.8	28.4A	14.2B	8.40B	5.28B	29
30	1.34B		1.23B	230 B	150	14.6	15.3	19.8	29.0A	13.8B	8.19B	5.15B	30
31	1.38B		1.25B		141		14.4	18.1		12.0B		5.00B	31
TOTAL	80.45	40.88	38.09	815.28	E 101	1 883.4	472.4	574.7	1 163.7	808.8	313.80	192.89	TOTAL
MEAN	2.82	1.48	1.23	27.2	187	83.1	15.2	18.5	38.5	28.1	10.5	6.33	MEAN
MAX	6.80	1.54	1.41	230	285	141	21.7	28.8	82.0	46.3	12.8	8.78	MAX
MIN	1.34	1.38	1.16	1.21	113	14.8	11.4	11.4	16.1	12.0	8.30	5.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.4
MAXIMUM DAILY, 285 ON MAY 26
MINIMUM DAILY, 1.16B ON MAR 17
MAXIMUM INSTANTANEOUS,
287 AT 23:23 PST ON MAY 25

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 18 15 N
LONG 131 27 50 W
DRAINAGE AREA, 7 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 810	JUL	40 800
FEB	3 840	AUG	48 700
MAR	3 380	SEP	99 700
APR	70 400	OCT	70 000
MAY	827 000	NOV	27 100
JUN	138 000	DEC	18 700

TOTAL DISCHARGE, 1 050 000 dam³

FORBES CREEK NEAR THE MOUTH - STATION NO. 08NC041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.003B	0.001B	0.003E	0.088	0.017E	0.013E	0.002E	0.001E	0.001	0.001	0.086	0.117	1
2	0.003B	0 B	0.002E	0.081	0.017E	0.012E	0.002E	0.002E	0.001	0.001	0.081	0.114	2
3	0.003B	0 B	0.003E	0.090	0.021E	0.010E	0.001E	0.003E	0.001	0.001	0.178	0.135	3
4	0.003B	0 B	0.003E	0.088	0.019E	0.009E	0.001E	0.003E	0.001	0.001	0.218	0.138	4
5	0.003B	0 B	0.003E	0.104	0.014E	0.008E	0.001E	0.002E	0.001	0.001	0.284	0.132	5
6	0.003B	0 B	0.004E	0.121	0.013E	0.007E	0.001E	0.002E	0.001	0.001	0.308	0.134	6
7	0.003B	0 B	0.004E	0.118	0.017E	0.008E	0.001E	0.001E	0.001	0.001	0.307	0.120	7
8	0.003B	0 B	0.004E	0.111	0.017E	0.006E	0.001E	0.001E	0.001	0.001	0.306	0.118	8
9	0.003B	0 B	0.004E	0.130	0.018E	0.004E	0.001E	0.002E	0.001	0.001	0.332	0.110	9
10	0.003B	0 B	0.008E	0.224	0.011E	0.003E	0.001E	0.002E	0.001	0.002	0.304	0.108	10
11	0.002B	0.001B	0.008E	0.333	0.013E	0.003E	0.001E	0.001E	0.001	0.001	0.303	0.101	11
12	0.002B	0.001B	0.018E	0.182	0.021E	0.003E	0.001E	0.001E	0.001	0.001	0.283	0.088	12
13	0.003B	0.001B	0.038E	0.122	0.019E	0.002E	0.001E	0.001E	0.001A	0.002	0.218	0.103	13
14	0.003B	0.001B	0.043A	0.156	0.018E	0.002E	0.001E	0.003E	0.001	0.002	0.181	0.094	14
15	0.003B	0.001A	0.038	0.182	0.018E	0.002E	0.001E	0.002E	0.001	0.002	0.145	0.089	15
16	0.003B	0.001E	0.034	0.118E	0.014E	0.002A	0.002E	0.002A	0.001	0.002	0.125	0.088	16
17	0.003B	0.001E	0.031	0.112E	0.015E	0.002	0.002E	0.001	0.001	0.002	0.110	0.086	17
18	0.003B	0.002E	0.032	0.114E	0.016E	0.002	0.002E	0.001	0.001	0.002	0.109	0.085	18
19	0.003B	0.002E	0.027	0.083E	0.018A	0.001	0.002E	0.001	0.001	0.002	0.125	0.0848	19
20	0.003B	0.002E	0.043	0.083E	0.015E	0.001A	0.002E	0.001	0.001	0.002	0.1208	0.0808	20
21	0.003B	0.002E	0.063	0.074E	0.013E	0.002E	0.001E	0.001	0.001	0.003	0.1188	0.0828	21
22	0.002B	0.002E	0.063	0.080E	0.011E	0.002E	0.001E	0.002	0.001	0.002	0.117	0.0848	22
23	0.002B	0.003E	0.057	0.065E	0.010E	0.002E	0.001E	0.002	0.001	0.003	0.118	0.0868	23
24	0.002B	0.003E	0.051	0.043E	0.012E	0.002E	0.001E	0.001	0.001	0.004	0.114	0.0888	24
25	0.002B	0.003E	0.053	0.040E	0.012E	0.002E	0.001E	0.001	0.001	0.004	0.109	0.0928	25
26	0.002B	0.003E	0.066	0.038E	0.016E	0.002E	0.001E	0.001	0.001	0.004	0.103	0.093	26
27	0.002B	0.002E	0.063	0.036E	0.016E	0.003E	0.001E	0.001	0.001	0.005	0.100	0.103	27
28	0.002B	0.002E	0.067	0.027E	0.014E	0.003E	0.001E	0.001	0.001	0.024	0.097	0.102	28
29	0.001B		0.053	0.021E	0.013E	0.004E	0.001E	0.001	0.001	0.053	0.104	0.105	29
30	0.001B		0.056	0.018E	0.010E	0.003E	0.001E	0.001	0.001	0.053	0.111	0.113	30
31	0.001B		0.080		0.011E		0.001E	0.001		0.053		0.109	31
TOTAL	0.078	0.034	1.153	3.884	0.483	0.122	0.038	0.045	0.030	0.380	5.110	3.185	TOTAL
MEAN	0.003	0.001	0.037	0.088	0.016	0.004	0.001	0.001	0.001	0.008	0.170	0.103	MEAN
MAX	0.003	0.003	0.066	0.333	0.021	0.013	0.002	0.003	0.001	0.053	0.332	0.138	MAX
MIN	0.001	0	0.003	0.018	0.010	0.001	0.001	0.001	0.001	0.001	0.084	0.080	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.037
MAXIMUM DAILY, 0.332 ON NOV 9
MINIMUM DAILY, 08 ON FEB 2
MAXIMUM INSTANTANEOUS,
0.366 AT 23:10 PST ON NOV 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 52 21 N
LONG 131 38 17 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8.48	JUL	3.28
FEB	3.84	AUG	3.88
MAR	99.8	SEP	2.88
APR	248	OCT	22.8
MAY	40.8	NOV	442
JUN	10.8	DEC	273

TOTAL DISCHARGE, 1 180 dam³

FORDING RIVER AT THE MOUTH - STATION NO. 08NK018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.368	1.408	1.678	2.27E	9.04	14.8	10.8	4.70	8.08	3.87	2.86	2.82	1
2	1.378	1.468	1.648	2.18E	11.8	19.8	10.2	4.70	8.22	3.81	2.86	2.84	2
3	1.388	1.368	1.628	2.11E	12.6	23.8	9.28	4.88	8.88	3.84	2.82	2.91	3
4	1.488	1.238	1.638	2.10E	12.0	24.8	8.62	4.84	8.92	3.87	2.77	3.28	4
5	1.498	1.238	1.858	2.18E	12.4	27.8	8.82	4.46	7.34	3.38	2.73	3.27	5
6	1.508	1.318	1.708	2.30E	16.3	33.4	8.41	4.28	7.84	3.32	2.71	3.93	6
7	1.488	1.488	1.788	2.27E	23.1	34.2	8.06	4.20	7.51	3.19	2.72	3.83	7
8	1.448	1.528	1.858	2.24E	27.8	32.5	8.02	4.12	7.51	3.18	2.74	3.77	8
9	1.428	1.588	1.808	2.22E	29.8	30.7	7.87	4.08	7.37	3.08	2.89	3.59	9
10	1.408	1.808	2.008	2.28E	32.5	28.7	7.87	4.16	7.12	3.06	3.14	3.30A	10
11	1.408	1.808	2.048	2.38E	31.7	25.5	8.38	4.06	6.78	3.07	3.51	2.208	11
12	1.418	1.888	2.088	2.38A	27.3	24.0	7.71	3.94	6.40	3.17	3.51	2.118	12
13	1.438	1.888	2.068	2.48	23.0	25.6	7.88	3.91	6.11	3.34	3.47	2.108	13
14	1.478	1.898	2.048	2.72	19.8	26.5	8.87	3.84	5.85	3.48	3.22	2.118	14
15	1.508	1.808	2.008	3.17	18.2	24.4	8.83	3.78	5.72	3.32	2.54	2.178	15
16	1.608	1.838	1.948	3.28	18.7	23.7	9.02	3.73	5.67	3.16	2.88	2.188	16
17	1.588	1.808	1.918	3.01	19.1	20.8	8.88	3.78	5.37	3.07	3.35	2.178	17
18	1.678	1.808	1.978	3.21	18.2	17.8	8.30	3.83	5.28	2.96	3.24	2.118	18
19	1.64A	1.888	1.988	3.89	18.8	18.4	7.70	3.84	5.00	2.93	3.28	2.008	19
20	1.84	1.908	1.928	4.34	18.0	19.2	7.27	3.84	4.84	3.04	3.20	1.808	20
21	1.67	1.848	1.888	7.10	14.0	13.4	7.11	3.84	4.83	3.37	3.38	1.788	21
22	1.638	1.878	1.988	9.48	13.5	12.4	7.12	3.85	4.48	3.33	3.18	1.748	22
23	1.658	1.888	1.988	9.81	14.2	11.7	8.73	3.85	4.34	3.26	2.87	1.808	23
24	1.488	1.888	2.008	8.88	13.7	11.7	8.28	3.83	4.22	3.22	3.04	1.818	24
25	1.418	1.708	2.118	8.10	13.0	12.5	8.00	3.83	4.07	3.25	3.02	2.018	25
26	1.438	1.718	2.288	7.41	12.3	12.0	8.71	4.00	4.02	3.20	2.33	2.058	26
27	1.558	1.728	2.288	8.83	11.8	11.8	8.61	4.42	3.90	3.17	2.08	2.038	27
28	1.638	1.728	2.288	8.88	11.2	11.8	8.38	8.41	3.84	3.23	2.82	2.028	28
29	1.738		2.288	8.82	10.8	11.0	8.19	8.14	3.78	3.11	2.88	2.048	29
30	1.738		2.408	7.22	10.4	11.1	4.88	8.23	3.72	2.97	2.40	2.048	30
31	1.888		2.348		11.2		4.73	8.21		2.92		2.028	31
TOTAL	47.28	43.91	61.18	130.16	529.84	508.3	236.61	134.23	168.17	100.10	88.88	70.40	TOTAL
MEAN	1.52	1.57	1.97	4.34	17.1	20.3	7.61	4.33	5.61	3.23	2.90	2.27	MEAN
MAX	1.73	1.72	2.40	9.81	32.5	34.2	10.8	8.23	7.84	3.87	3.51	3.27	MAX
MIN	1.37	1.23	1.62	2.10	8.04	11.0	4.73	3.73	3.73	2.92	2.08	1.74	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.07
MAXIMUM DAILY, 34.2 ON JUN 7
MINIMUM DAILY, 1.238 ON FEB 4
MAXIMUM INSTANTANEOUS,
38.7 AT 05:58 MST ON JUN 7

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 53 39 N
LONG 114 51 53 W
DRAINAGE AREA, 819 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 080	JUL	20 400
FEB	3 780	AUG	11 600
MAR	5 280	SEP	14 500
APR	11 200	OCT	8 650
MAY	45 800	NOV	7 600
JUN	52 600	DEC	6 080

TOTAL DISCHARGE, 191 000 dam³

FORDING RIVER BELOW CLODE CREEK - STATION NO. 08NK021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.193	0.1508	0.174	0.245	2.26	4.67	3.29	1.09	1.50	0.830	0.493	0.388	1
2	0.201	0.1348	0.165	0.234	2.87	5.26	2.98	1.06	1.52	0.811	0.418	0.390	2
3	0.197	0.1408	0.1578	0.228	3.68	7.22	2.47	1.05	1.48	0.848	0.421	0.397	3
4	0.187	0.1508	0.1488	0.226	3.88	7.16	2.48	0.998	1.47	0.885	0.488	0.418	4
5	0.193	0.1528	0.1528	0.228	3.02	8.33	2.83	0.982	1.54	0.854	0.478	0.488	5
6	0.182	0.1738	0.1588	0.232	4.73	11.9	2.92	0.914	1.52	0.840	0.489	0.508	6
7	0.180	0.1728	0.158	0.261	8.99	11.3	2.46	0.908	1.53	0.828	0.498	0.503	7
8	0.1588	0.1708	0.163	0.248	7.52	10.2	2.28	0.871	1.51	0.815	0.484	0.484	8
9	0.1588	0.1778	0.172	0.251	8.45	9.74	2.08	0.920	1.43	0.810	0.447	0.485	9
10	0.1608	0.1808	0.168	0.297	9.21	8.42	2.13	0.934	1.34	0.817	0.883	0.447	10
11	0.1588	0.1808	0.163	0.378	8.73	7.02	2.12	0.870	1.28	0.818	0.753	0.4308	11
12	0.184	0.1818	0.165	0.470	8.88	6.90	2.12	0.830	1.19	0.807	0.732	0.4008	12
13	0.188	0.1878	0.162	0.870	8.89	7.33	2.38	0.812	1.18	0.888	0.827	0.374	13
14	0.184	0.1848	0.162	0.828	4.92	7.88	2.34	0.781	1.14	0.887	0.882	0.347	14
16	0.180	0.1778	0.167	0.737	4.88	7.47	2.32	0.758	1.10	0.881	0.880	0.340	15
16	0.176	0.1728	0.167	1.01	5.16	8.78	2.32	0.787	1.06	0.814	0.481	0.348	16
17	0.176	0.1688	0.1688	1.06	5.27	6.26	2.04	0.868	1.02	0.483	0.448	0.348	17
18	0.178	0.1648	0.1708	1.18	4.86	4.28	1.91	0.908	0.980	0.478	0.804	0.3458	18
19	0.168	0.1648	0.172	1.48	4.18	4.01	1.88	0.938	0.949	0.475	0.881	0.3408	19
20	0.172	0.1668	0.163	1.84	3.88	3.80	1.83	0.972	0.908	0.508	0.880	0.3408	20
21	0.185	0.1738	0.183	2.40	3.47	3.14	2.33	0.885	0.884	0.888	0.887	0.3388	21
22	0.1638	0.1858	0.178	2.84	3.40	3.04	1.98	0.844	0.821	0.887	0.814	0.3508	22
23	0.1648	0.1838	0.187	3.21	3.88	3.03A	1.85	0.811	0.779	0.872	0.822	0.3548	23
24	0.1438	0.1908	0.206	1.83	3.43	3.11E	1.53	0.898	0.748	0.888	0.484	0.371	24
25	0.1448	0.1908	0.219	1.59	3.23	3.18E	1.44	0.872	0.724	0.881	0.411	0.388	25
26	0.1558	0.1858	0.231	1.41	3.01	3.27A	1.38	0.884	0.708	0.878	0.382	0.388	26
27	0.1638	0.1858	0.237	1.26	2.80	3.61	1.34	1.17	0.678	0.872	0.388	0.380	27
28	0.188	0.1828	0.248	1.14	2.68	3.10	1.28	1.65	0.681	0.876	0.382	0.380	28
29	0.188		0.238	1.18	2.47	3.18	1.21	1.58	0.868	0.803	0.400	0.340	29
30	0.172		0.264	1.84	2.52	3.46	1.14	1.54	0.633	0.821	0.388	0.334	30
31	0.187		0.271		2.88		1.12	1.52		0.482		0.319	31
TOTAL	5.388	4.814	5.781	28.788	137.88	178.18	82.44	31.201	32.881	18.847	18.437	11.938	TOTAL
MEAN	0.173	0.172	0.186	0.880	4.44	5.84	2.01	1.01	1.10	0.847	0.515	0.388	MEAN
MAX	0.201	0.190	0.271	2.84	9.21	11.9	3.29	1.65	1.54	0.830	0.783	0.505	MAX
MIN	0.143	0.134	0.148	0.226	2.26	3.03	1.12	0.758	0.633	0.478	0.382	0.319	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.46
MAXIMUM DAILY, 11.9 ON JUN 6
MINIMUM DAILY, 0.1348 ON FEB 2
MAXIMUM INSTANTANEOUS,
13.7 AT 23:13 MST ON JUN 6

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 12 05 N
LONG 114 52 57 W
DRAINAGE AREA, 104 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	483	JUL	8 390
FEB	418	AUG	3 700
MAR	497	SEP	3 840
APR	3 480	OCT	1 480
MAY	11 900	NOV	1 330
JUN	16 400	DEC	1 030

TOTAL DISCHARGE, 48 900 dam³

FORREST KERR CREEK ABOVE 480 m CONTOUR - STATION NO. 08CG005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.13B	1.80B	1.06 B	0.880B	11.0	52.4	80.0	117	85.1	43.0	8.18	4.03	1
2	2.12B	1.88B	1.04 B	0.885B	12.4	55.6	83.8	120	83.0	37.3	8.52	4.07	2
3	2.13B	1.88B	0.990B	0.900B	14.8	61.8	110	108	76.8	60.7	12.4	4.08	3
4	2.12B	1.88B	0.970B	0.930B	14.1	59.3	105	105	87.1	84.3	12.8	4.17	4
5	2.05B	1.84B	0.930B	0.850B	13.8	59.6	102	98.1	92.8	84.1	11.3	4.27	5
6	1.98B	1.81B	0.910B	0.890B	14.3	61.8	101	98.1	98.1	80.4	9.56	4.17	6
7	1.90B	1.79B	0.905B	1.03 A	17.1	55.8	103	94.7	107	70.0	8.40	3.86	7
8	1.88B	1.78B	0.900B	1.12 E	20.0	55.8	111	90.5	106	48.8	7.86	3.74	8
9	1.85B	1.73B	0.890B	1.20 E	20.4	57.7	118	76.5	80.9	46.7	7.11	3.80	9
10	1.86B	1.88B	0.885B	1.30 E	17.6	58.4	118	78.5	77.9	38.8	6.48	3.36	10
11	1.88B	1.81B	0.875B	1.40 E	18.3	62.1	122	101	81.8	27.3	5.81	3.37	11
12	1.88B	1.86B	0.870B	1.53 E	20.3	62.3	123	116	80.5	20.9	5.88	3.38	12
13	1.88B	1.50B	0.865B	1.70 E	19.5	64.5	114	122	72.5	17.2	8.92	3.81	13
14	1.88B	1.42B	0.865B	1.93 A	17.2	72.0	108	118	62.9	14.3	15.4	4.84	14
15	1.83B	1.37B	0.880B	2.12	17.9	67.3	101	107	53.4	12.4	20.1	5.14	15
16	1.82B	1.31B	0.865B	2.13	18.5	63.8	88.4	110	44.8	11.1	20.7	4.85	16
17	1.83B	1.28B	0.865B	2.31	15.8	63.5	82.7	115	32.7	11.2	8.86	4.31	17
18	1.85B	1.28B	0.860B	2.43	16.8	67.4	89.2	105	24.3	11.4	5.85	3.83	18
19	1.87B	1.23B	0.850B	2.55	16.2	61.7	95.1	108	25.5	10.9	5.55	3.68	19
20	1.88B	1.21B	0.850B	2.85	18.0	59.4	97.6	108	43.2	10.4	5.22	3.70B	20
21	1.88B	1.19B	0.850B	3.51	18.0	57.2	89.7	97.7	59.1	9.55	4.84	3.10B	21
22	1.88B	1.17B	0.850B	3.84	18.6	59.2	85.2	93.3	80.8	8.92	4.55	2.85B	22
23	1.88B	1.15B	0.850B	3.97	20.1	64.8	84.2	104	89.7	8.11	4.64	2.80B	23
24	1.91B	1.13B	0.850B	4.10	21.5	77.0	86.3	103	88.8	7.84	4.47	4.70B	24
25	1.97B	1.11B	0.850B	4.31	21.5	84.8	97.8	93.2	88.4	7.46	5.82	5.89	25
26	1.88B	1.10B	0.858B	4.73	21.1	76.5	98.2	83.7	82.8	7.11	10.4	7.88	26
27	1.85B	1.08B	0.855B	5.33	23.4	76.6	105	86.6	76.5	6.88	9.48	7.18	27
28	1.93B	1.08B	0.855B	6.32	28.6	86.1	115	96.0	80.0	6.40	8.05	6.63	28
29	1.92B		0.850B	7.86	35.6	90.9	114	83.0	81.4	6.26	4.33	4.89	29
30	1.91B		0.870B	9.14	42.6	90.4	113	83.2	84.4	5.89	4.18	4.53	30
31	1.91B		0.880B		48.2		116	72.7		5.72		4.46	31
TOTAL	59.73	40.90	27.500	83.635	529.0	2 008.3	3 204.0	3 123.8	2 149.9	780.06	246.82	133.94	TOTAL
MEAN	1.93	1.46	0.887	2.79	20.3	66.9	103	101	71.7	24.5	8.23	4.32	MEAN
MAX	2.13	1.90	1.06	9.14	48.2	90.9	123	122	107	70.0	20.7	7.86	MAX
MIN	1.82	1.08	0.850	0.880	11.0	52.4	84.2	72.7	24.3	5.72	4.18	2.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 34.2
MAXIMUM DAILY, 123 ON JUL 12
MINIMUM DAILY, 0.850B ON MAR 18
MAXIMUM INSTANTANEOUS,
136 AT 17:02 PST ON JUL 11

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 54 55 N
LONG 130 43 15 W
DRAINAGE AREA, 311 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 150	JUL	277 000
FEB	3 830	AUG	270 000
MAR	2 380	SEP	186 000
APR	7 240	OCT	66 700
MAY	84 300	NOV	21 300
JUN	174 000	DEC	11 600

TOTAL DISCHARGE, 1 080 000 dam³

FORT NELSON RIVER ABOVE MUSKWA RIVER - STATION NO. 10CC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.2 B	9.95B	8.58B	7.58B	490E	418	187 E	95.5E	130E	142 E	68.0B	37.5B	1
2	21.0 B	10.1 B	8.82B	7.50B	485E	371	175 E	88.0E	123E	150 E	72.5B	35.7B	2
3	20.8 B	9.87B	8.50B	7.47B	472E	337	166 E	89.0E	117E	175 E	74.0B	34.8B	3
4	20.9 B	10.2 C	7.88B	7.83B	449A	306	162 E	100 E	112E	162 E	71.0B	33.8B	4
5	21.1 B	10.1 B	7.76B	7.80B	436	288	172 E	94.5E	107E	173 E	65.0B	33.0B	5
6	19.5 B	10.2 B	7.80B	7.95B	382	274	166 E	90.0E	105E	184 E	58.0B	31.5B	6
7	17.0 B	10.2 B	7.85B	8.20B	319	268	163 A	87.0E	107E	170 E	50.0B	30.8B	7
8	16.5 B	10.3 B	7.50B	8.50B	277E	254	175 E	96.0E	114E	172 E	45.2B	30.4B	8
9	15.1 B	10.4 B	7.25B	8.95B	238	248	205 E	120 E	140E	155 E	44.8B	30.0B	9
10	15.0 B	10.4 B	7.20B	8.90B	214	233	200 E	180 E	210E	151 E	44.5B	28.5B	10
11	15.2 B	10.5 B	7.10B	9.20B	226	219	187 E	330 E	231E	145 E	44.0B	27.7B	11
12	15.5 B	10.4 B	7.00B	9.70B	306	205	176 E	420 E	204A	137 E	41.5B	27.0B	12
13	15.5 B	10.3 B	7.20B	10.2 B	282	186	165 E	350 E	198E	118 E	40.0B	30.2B	13
14	15.3 B	9.70B	7.30B	11.7 B	202	180	157 E	250 E	188E	111 E	40.5B	29.7B	14
15	14.8 B	9.40B	7.20B	13.5 B	184	168	148 E	228 E	172E	110 E	41.0B	28.0B	15
16	14.2 B	9.35B	7.17B	16.1 B	183	161A	141 E	243 E	167E	108 E	42.5B	28.1B	16
17	14.0 B	9.50B	7.22B	21.0 B	184	138E	138 E	290 E	149E	104 E	43.5B	27.7B	17
18	13.9 B	9.70B	7.40B	27.0 B	221	125E	129 E	288 E	147E	108 E	44.2B	27.5B	18
19	14.0 B	9.65B	7.45B	34.0 B	257	119E	123 E	243 E	148E	101 E	43.5B	26.9B	19
20	13.9 B	9.80B	7.55B	44.0 B	287	135E	124 E	222 E	150E	102 E	42.0B	26.0B	20
21	13.5 B	9.90B	7.43B	55.0 B	343	142E	122 E	209 E	155E	98.5E	39.5B	25.4B	21
22	12.8 B	10.0 B	7.80B	74.0 B	476	128E	118 E	198 E	180E	96.0E	39.5B	25.0B	22
23	12.5 B	9.80B	7.55B	86.0 B	558	119E	121 E	196 E	182E	93.9E	38.3B	25.5B	23
24	12.5 B	9.80B	7.40B	122 B	821	118E	130 E	187 E	169E	101 A	38.7B	25.9B	24
25	12.7 B	9.82B	7.30B	152 B	828	120E	118 E	183 E	162E	98.7	37.3B	27.3B	25
26	12.8 B	9.80B	7.25B	200 B	877	183E	116 E	184 E	158E	97.0	36.0B	27.5B	26
27	12.4 B	9.50B	7.27B	255 B	860E	190E	108 E	177 E	144E	92.0	35.7B	26.6B	27
28	11.6 B	9.20B	7.40B	330 B	1 170E	250E	105 E	173 E	139E	87.5	36.5B	26.4B	28
29	10.9 B		7.45B	415 B	1 070	238E	100 E	162 E	136E	86.5	39.2B	26.8B	29
30	9.95B		7.55B	485 E	853	215E	96.0E	143 E	131E	78.0B	38.5B	25.8B	30
31	9.78B		7.80B		687		97.5E	135 E		72.0B		25.0B	31
TOTAL	486.34	278.24	233.18	2 441.59	14 502	5 242	4 520.5	5 646.0	4 612	3 796.7	1 398.7	893.9	TOTAL
MEAN	15.0	8.94	7.52	81.4	468	208	146	182	150	122	46.6	28.8	MEAN
MAX	21.2	10.5	8.82	485	1 170	418	205	420	231	184	74.0	37.5	MAX
MIN	9.78	9.20	7.08	7.47	183	118	97.5	87.0	108	72.0	35.7	25.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 124
MAXIMUM DAILY, 1 170E ON MAY 28
MINIMUM DAILY, 7.08B ON MAR 12

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 40 15 N
LONG 122 38 15 W
DRAINAGE AREA, 22 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	40 380	JUL	391 000
FEB	24 000	AUG	505 000
MAR	20 100	SEP	380 000
APR	211 000	OCT	328 000
MAY	1 250 000	NOV	121 000
JUN	539 000	DEC	77 200

TOTAL DISCHARGE, 3 900 000 dam³

FRANCOIS LAKE AT FRANCOIS LAKE - STATION NO. 08JB011

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.823	1.788	1.745	1.752	1.872	2.441	2.282	2.140	2.020	1.885	1.787	1.747	1
2	1.821	1.785	1.744	1.753	2.022	2.438	2.282	2.138	2.018	1.882	1.789	1.754	2
3	1.818	1.785	1.744	1.751	2.072	2.436	2.278	2.135	2.010	1.859	1.787	1.757	3
4	1.815	1.785	1.746	1.751	2.107	2.436	2.270	2.130	2.002	1.884	1.785	1.759	4
5	1.814	1.784	1.749	1.748	2.134	2.434	2.268	2.124	1.990	1.852	1.781	1.763	5
6	1.812	1.784	1.750	1.748	2.155	2.431	2.262	2.120	1.986	1.852	1.758	1.767	6
7	1.812	1.783	1.752	1.751	2.203	2.429	2.259	2.114	1.980	1.848	1.758	1.768	7
8	1.810	1.782	1.754	1.753	2.213	2.427	2.254	2.108	1.978	1.848	1.758E	1.773	8
9	1.808	1.782	1.752	1.753	2.273	2.426	2.244	2.101	1.970	1.847	1.758E	1.778	9
10	1.808	1.784	1.749	1.751	2.288	2.411	2.248	2.094	1.964	1.844	1.764	1.778	10
11	1.796	1.783	1.748	1.753	2.323	2.398	2.241	2.090	1.955	1.839	1.762	1.783	11
12	1.795E	1.781	1.749	1.752	2.361	2.394	2.238	2.086	1.950	1.837	1.749	1.786	12
13	1.804	1.781	1.762	1.761	2.372	2.391	2.236	2.080	1.942	1.824	1.748	1.788	13
14	1.802	1.749	1.774	1.753	2.378	2.389	2.231	2.070	1.940	1.827	1.747	1.793	14
15	1.799	1.748	1.774	1.754	2.381	2.386	2.228	2.063	1.932	1.814	1.744	1.798	15
16	1.797	1.747	1.782	1.782	2.386	2.381	2.225	2.086	1.938	1.808	1.741	1.800	16
17	1.794	1.747	1.782	1.787	2.421	2.371	2.222	2.080	1.922	1.805	1.736	1.803	17
18	1.793E	1.746	1.784	1.782	2.421	2.362	2.220	2.086	1.917	1.803	1.734	1.803	18
19	1.781	1.745	1.784	1.787	2.431	2.353	2.218	2.086	1.910	1.803	1.737	1.804E	19
20	1.789	1.744	1.784	1.772	2.443	2.344	2.218	2.080	1.907	1.799	1.744	1.807E	20
21	1.788	1.747	1.759	1.778	2.445	2.341	2.217	2.086	1.906	1.791	1.747	1.808	21
22	1.788	1.748	1.784	1.801	2.491	2.336	2.216	2.070	1.903	1.784	1.749	1.813	22
23	1.786	1.782	1.748	1.812	2.452	2.333	2.213	2.070	1.897	1.782	1.783	1.819	23
24	1.784	1.774	1.748	1.827	2.481	2.328	2.210	2.086	1.890	1.778	1.788	1.826	24
25	1.782	1.782	1.748	1.837	2.491	2.327	2.208	2.086	1.884	1.777	1.784	1.833	25
26	1.778	1.750	1.763	1.850	2.491	2.321	2.170	2.080	1.881	1.774	1.748	1.841	26
27	1.777	1.748	1.758	1.862	2.481	2.316	2.165E	2.051	1.878	1.774	1.747	1.846	27
28	1.774	1.748	1.758	1.874	2.481	2.306	2.155	2.046	1.875	1.772	1.745	1.843	28
29	1.774		1.763	1.897	2.481	2.306	2.150	2.036	1.869	1.771	1.744	1.848	29
30	1.770		1.761	1.932	2.446	2.301	2.145	2.030	1.867	1.788	1.748E	1.845	30
31	1.769E		1.761		2.443		2.140	2.024		1.787		1.840	31
MEAN	1.795	1.764	1.763	1.785	2.336	2.378	2.223	2.080	1.935	1.814	1.761	1.788	MEAN
MAX	1.823	1.774	1.774	1.932	2.481	2.441	2.282	2.140	2.020	1.885	1.789	1.848	MAX
MIN	1.769	1.744	1.744	1.748	1.872	2.301	2.140	2.024	1.867	1.787	1.734	1.747	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MEAN, 1.952
MAXIMUM DAILY, 2.481 ON MAY 24
MINIMUM DAILY, 1.734 ON NOV 16

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 03 05 N
LONG 125 45 15 W

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

FRASER RIVER ABOVE TEXAS CREEK - STATION NO. 08MF040

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	488	503A	458A	498A	2 280	2 170	2 880	1 870	1 480	880	882	818	1
2	418	440E	438A	500A	2 430	2 270	2 860	2 010	1 420	863	857	899	2
3	414	380E	428A	492A	2 880	2 710	2 810	2 080	1 380	888	852	881	3
4	441	430E	434A	530E	2 890	3 100	2 820	2 180	1 380	1 000	852	807	4
5	478	442E	460A	580E	2 830	3 420	2 880	2 330	1 340	987	988	938	5
6	507	440E	480A	620E	2 830	3 530	2 880	2 870	1 310	894	1 020	987	6
7	503	441E	488A	598E	2 710	3 630	2 800	2 820	1 280	881	1 780	981	7
8	488	444E	448A	604A	2 880	3 640	2 480	2 380	1 280	829	1 880	978	8
9	435	448E	464A	628A	3 200	3 880	2 380	2 280	1 280	808	1 480	886	9
10	430E	468E	488A	688A	3 470	3 820	2 280	2 280	1 270	807	1 230	927	10
11	428A	470E	484A	804	3 880	3 880	2 290	2 240	1 220	792	1 280	878	11
12	478A	478E	438A	884	3 720	3 700	2 340	2 210	1 180	781	1 380	810	12
13	500E	480E	422A	740	3 780	3 780	2 340	2 170	1 140	772	1 820	748	13
14	518A	488A	420A	809	3 880	3 770	2 320	2 080	1 110	819	1 830	701	14
15	521A	503A	428A	881	3 250	3 820	2 380	2 010	1 080	820	1 480	742	15
16	487A	488A	428A	887	2 900	3 880	2 380	1 870	1 070	827	1 300	783	16
17	522A	484A	428A	1 080	2 720	4 080	2 440	1 880	1 080	828	1 180	785	17
18	508A	482A	428A	1 180	2 840	4 110	2 820	1 880	1 080	815	1 120	762	18
19	508A	488A	430A	1 170	2 880	3 880	2 820	1 810	1 040	800	1 120	781	19
20	518A	484A	442A	1 170	2 800	3 830	2 800	1 880	1 020	778	1 180	704	20
21	508E	488A	448A	1 240	2 810	3 230	2 810	1 880	988	807	1 340	857	21
22	500A	470A	442A	1 400	2 870	2 870	2 440	1 810	1 030	881	1 800	824	22
23	478A	488A	444A	1 780	2 840	2 800	2 370	1 840	1 180	887	1 480	881	23
24	482A	482A	438A	1 810	2 420	2 700	2 330	1 880	1 180	1 030	1 310	888	24
25	484A	482A	452A	2 080	2 280	2 840	2 310	1 870	1 120	1 030	1 210	880	25
26	480A	482A	458A	2 040	2 140	2 880	2 180	2 080	1 080	1 020	1 120	822	26
27	504A	478A	480A	2 030	2 080	2 740	2 080	1 880	1 020	988	1 070	848	27
28	518A	478A	470A	2 080	2 080	2 800	2 010	1 880	888	887	1 020	1 010	28
29	528A		484A	2 130	2 100	2 870	1 840	1 780	881	852	878	1 380	29
30	520A		472A	2 200	2 120	3 010	1 810	1 840	870	850	930	1 880	30
31	524A		472A		2 130		1 820	1 880		818		1 830	31
TOTAL	15 040	13 072	13 822	33 817	85 010	99 270	73 610	83 670	34 923	27 784	37 494	28 678	TOTAL
MEAN	485	467	446	1 130	2 740	3 310	2 370	2 080	1 180	888	1 250	887	MEAN
MAX	528	502	472	2 200	3 780	4 110	2 880	2 870	1 480	1 030	1 780	1 830	MAX
MIN	414	380	420	492	2 080	2 170	1 810	1 880	870	772	852	880	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 440
MAXIMUM DAILY, 4 110 ON JUN 18
MINIMUM DAILY, 380E ON FEB 3
MAXIMUM INSTANTANEOUS,
4 130 AT 03:38 PST ON JUN 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 50 N
LONG 121 51 10 W
DRAINAGE AREA, 152 000 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1952

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 300 000	JUL	6 350 000
FEB	1 130 000	AUG	6 500 000
MAR	1 190 000	SEP	3 020 000
APR	2 920 000	OCT	2 400 000
MAY	7 340 000	NOV	3 240 000
JUN	8 580 000	DEC	2 320 000

TOTAL DISCHARGE, 45 390 000 dam³

REMARKS - DRAINAGE AREA INCLUDES THE 14 000 km² BEHIND KENNEY DAM

FRASER RIVER AT HANSARD - STATION NO. 08KA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	102 B	81.6B	88.0E	91.4B	388E	874A	802	836	353	288E	247E	2088	1
2	100 B	77.4B	88.4B	94.4B	415E	1 100	852	838	348	278E	248E	2128	2
3	97.8B	74.8B	88.8B	98.0E	440E	1 310	817	784	341	263E	278E	2148	3
4	96.4B	73.0B	88.8B	97.0E	475E	1 380	685	1 010	332	248E	420E	2168	4
5	95.8B	72.8B	70.2B	97.7B	535E	1 410	670	909	325	229E	500E	2188	5
6	95.8B	72.8B	71.2B	98.8B	618E	1 550	641	782	352	218E	530E	2148	6
7	94.8B	72.2B	71.8B	100 B	780E	1 850	788	733	380	204E	430E	2088	7
8	93.7B	72.0B	71.9B	102 B	830E	1 550	788	723	328	193E	348A	1988	8
9	91.7B	71.8B	71.8B	103 B	1 080E	1 440	788	721	305	188E	338	1918	9
10	89.0B	71.4B	71.8B	105 B	1 180E	1 500	833	704	288	188E	442	1828	10
11	88.8B	71.8B	72.1B	108 B	1 210E	1 840	788	882	284	188E	820	1748	11
12	88.0B	71.7B	73.0B	113 B	1 280E	1 530	838	847	287	194E	4808	1688	12
13	83.7B	71.8B	73.8B	117 B	1 180E	1 570	857	887	268	204E	4008	1638	13
14	81.8B	71.7B	73.8B	122 B	855E	1 630	884	888	258A	218E	3608	1888	14
15	80.8B	71.8B	73.0B	126 B	830E	1 730	928	874	258E	217E	3188	1678	15
16	78.8B	70.8B	72.8B	136 B	785E	1 780	988	871	264E	213E	2858	1528	16
17	76.4B	70.4B	72.6B	143 B	760E	1 850	1 040	852	282E	208E	2328	1488	17
18	77.7B	70.0B	72.2B	151 B	828E	1 410	885	838	248E	204E	3108	1438	18
19	78.3B	69.8B	72.0B	164 B	870E	1 210	881	822	243E	208E	402	1408	19
20	78.8B	69.8B	72.0B	174 E	800E	1 070	834	831	278E	218E	448	1388	20
21	74.8B	68.6B	72.3B	187 E	740E	988	807	826	331E	283E	421	1388	21
22	74.8B	69.8B	73.0B	200 E	850E	920	808	827	338E	305E	389	1408	22
23	74.6B	70.0B	74.2B	212 E	810E	883	778	887	320E	309E	307	1488	23
24	74.8B	69.8B	76.8B	225 E	845E	918	886	818	290E	304E	2828	1558	24
25	74.3B	69.8B	77.6B	237 E	877E	983	838	878	278E	282E	2698	1718	25
26	74.4B	68.4B	80.0B	255 E	870E	1 030	883	819	289E	262E	2358	2008	26
27	76.8B	68.0B	82.4B	275 E	885E	1 150	886	887	261E	274E	2278	2858	27
28	77.8B	68.0B	84.0B	305 E	888E	1 170	858	857	266E	288E	2248	3008	28
29	80.4B		87.8B	331 E	870E	1 080	806	828	262E	289E	2188	2868	29
30	88.4B		84.0B	365 E	880E	800	825	388	250E	281E	2138	2808	30
31	88.0B		89.0B		820E		825	388		248E		2888	31
TOTAL	2 816.4	2 008.5	2 317.0	4 818.3	22 858	38 874	24 874	18 888	8 781	7 387	10 528	5 884	TOTAL
MEAN	84.4	71.7	74.7	164	741	1 300	795	809	283	238	351	183	MEAN
MAX	102	81.8	89.0	365	1 280	1 780	1 040	1 010	380	305	820	300	MAX
MIN	74.3	68.0	68.0	91.4	385	874	858	388	243	188	213	139	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 411
MAXIMUM DAILY, 1 780 ON JUN 18
MINIMUM DAILY, 68.0B ON FEB 27
MAXIMUM INSTANTANEOUS,
1 800 AT 11:14 PST ON JUN 18

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 04 43 N
LONG 121 50 52 W
DRAINAGE AREA, 18 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	225 000	JUL	2 130 000
FEB	173 000	AUG	1 630 000
MAR	200 000	SEP	788 000
APR	426 000	OCT	638 000
MAY	1 860 000	NOV	910 000
JUN	3 360 000	DEC	517 000

TOTAL DISCHARGE, 12 800 000 dam³

FRASER RIVER AT HOPE - STATION NO. 08MF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	738	6868	876	738	3 630	4 840	4 880	3 100	2 470	1 480	1 380	1 440	1
2	722	6808	8418	751	3 780	4 880	4 720	3 170	2 380	1 430	1 320	1 440	2
3	787	6988	8408	766	4 130	5 330	4 810	3 240	2 300	1 420	1 380	1 710	3
4	884	6788	844	748	4 430	5 730	4 430	3 280	2 250	1 480	1 840	2 420	4
5	801	6108	848	810	4 840	6 240	4 430	3 410	2 210	1 440	1 420	2 100	5
6	805	6388	887	887	4 700	6 680	4 440	3 740	2 150	1 370	1 880	1 840	6
7	809	6388	882	884	4 820	6 840	4 330	3 890	2 100	1 320	2 280	1 720	7
8	772	6408	883	958	5 180	6 840	4 250	3 880	2 070	1 240	2 510	1 730	8
9	732	6588	884	880	5 480	7 000	4 130	3 440	2 080	1 230	3 080	1 880	9
10	889	6788	881	989	5 830	6 880	3 880	3 290	2 020	1 240	3 880	1 880	10
11	887	6888	723	1 020	5 850	6 870	3 850	3 340	1 980	1 310	2 840	1 480	11
12	702	6858	727	1 080	6 060	6 870	3 870	3 300	1 880	1 370	2 280	1 400	12
13	782	6908	704	1 210	6 230	6 800	3 880	3 230	1 830	1 270	2 280	1 320	13
14	772	7128	886	1 280	6 200	6 810	3 870	3 180	1 780	1 320	2 520	1 250	14
15	787	7208	877	1 880	6 880	6 780	3 880	3 080	1 730	1 270	2 380	1 220	15
16	816	7188	888	1 880	6 470	6 780	3 890	3 030	1 700	1 270	2 140	1 230	16
17	889	7048	880	1 720	6 140	6 920	4 030	2 880	1 700	1 270	1 880	1 230	17
18	842	6828	858	1 880	6 850	7 110	4 140	2 880	1 880	1 280	1 840	1 230	18
19	818	6818	868	1 880	6 870	6 850	4 220	2 880	1 880	1 300	1 870	1 230	19
20	818	6808	886	2 080	6 840	6 480	4 220	2 880	1 830	1 240	2 130	1 170	20
21	838	6828	868	2 200	6 020	6 880	4 100	2 880	1 880	1 270	2 380	1 080	21
22	807	6988	878	2 310	6 010	6 840	3 870	3 000	1 830	1 370	2 370	844	22
23	777	7138	878	2 870	6 770	6 240	3 850	3 030	1 880	1 480	2 380	834	23
24	742	713	880	2 800	6 800	6 080	3 780	3 100	1 700	1 630	2 180	782	24
25	728	711	888	3 100	4 220	4 880	3 710	3 180	1 880	1 570	1 980	830	25
26	718	708	885	3 080	4 080	4 810	3 880	3 230	1 810	1 840	1 810	873	26
27	784	703	714	3 080	4 020	4 810	3 410	3 180	1 880	1 630	1 710	1 010	27
28	782	688	733	3 130	4 140	4 880	3 270	3 030	1 800	1 480	1 840	1 180	28
29	788		727	3 270	4 170	4 980	3 180	2 850	1 480	1 480	1 870	1 700	29
30	1 180		728	3 480	4 230	5 130	3 080	2 700	1 470	1 440	1 800	1 810	30
31	1 130		732		4 800		3 070	2 870		1 410		2 080	31
TOTAL	24 782	18 188	21 144	53 272	180 800	180 480	123 870	88 280	88 300	42 880	81 800	43 743	TOTAL
MEAN	800	885	882	1 780	4 880	6 020	3 880	3 170	1 840	1 380	2 080	1 410	MEAN
MAX	1 180	888	733	3 480	6 230	7 110	4 880	3 880	2 470	1 830	3 880	2 420	MAX
MIN	887	878	840	738	3 630	4 840	3 070	2 870	1 470	1 220	1 320	782	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2 400
MAXIMUM DAILY, 7 110 ON JUN 18
MINIMUM DAILY, 678B ON FEB 4
MAXIMUM INSTANTANEOUS,
7 140 AT 12:02 PST ON JUN 18

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 33 80 N
LONG 121 27 05 W
DRAINAGE AREA, 217 000 km²
B - ICE CONDITIONS
REGULATED SINCE 1982

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 140 000	JUL	10 700 000
FEB	1 880 000	AUG	6 490 000
MAR	1 830 000	SEP	4 780 000
APR	4 800 000	OCT	3 680 000
MAY	13 000 000	NOV	3 350 000
JUN	16 800 000	DEC	2 780 000

TOTAL DISCHARGE, 75 800 000 dam³

REMARKS - DRAINAGE AREA INCLUDES THE 14 000 km² BEHIND KENNEY DAM

FRASER RIVER AT HOPE - STATION NO. 08MF005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.298	3.438	3.171	3.288	5.515	6.110	6.298	5.182	4.767	3.998	3.822	3.888	1
2	3.242	3.343	3.113	3.284	5.610	6.288	6.184	5.224	4.678	3.977	3.881	3.990	2
3	3.331	3.400	3.126	3.294	5.814	6.487	6.034	5.270	4.634	3.975	3.818	4.208	3
4	3.430	3.445	3.118	3.281	5.885	6.717	5.886	5.292	4.600	4.011	4.072	4.720	4
5	3.353	3.370	3.128	3.385	6.053	6.886	5.886	5.373	4.588	3.988	3.972	4.488	5
6	3.358	3.303	3.157	3.459	6.143	7.176	5.887	5.580	4.527	3.926	4.313	4.303	6
7	3.364	3.295	3.148	3.564	6.284	7.204	5.930	5.673	4.481	3.882	4.887	4.217	7
8	3.314	3.286	3.150	3.536	6.385	7.311	5.880	5.548	4.471	3.813	4.783	4.228	8
9	3.288	3.285	3.135	3.540	6.578	7.386	5.803	5.422	4.458	3.789	5.184	4.188	9
10	3.208	3.283	3.186	3.648	6.774	7.337	5.731	5.364	4.436	3.808	5.484	4.108	10
11	3.188	3.281	3.244	3.698	6.841	7.222	5.705	5.332	4.385	3.871	4.871	4.033	11
12	3.214	3.263	3.250	3.885	6.888	7.222	5.718	5.308	4.343	3.828	4.587	3.958	12
13	3.288	3.248	3.217	3.781	6.889	7.288	5.727	5.264	4.288	3.836	4.578	3.878	13
14	3.314	3.247	3.186	3.912	6.974	7.294	5.718	5.212	4.263	3.882	4.794	3.821	14
15	3.336	3.272	3.174	4.105	6.788	7.286	5.714	5.144	4.223	3.833	4.879	3.788	15
16	3.373	3.283	3.158	4.170	6.670	7.280	5.726	5.136	4.202	3.840	4.818	3.803	16
17	3.439	3.228	3.144	4.215	6.388	7.382	5.758	5.102	4.200	3.835	4.383	3.804	17
18	3.408	3.208	3.144	4.321	6.281	7.451	5.817	5.112	4.186	3.843	4.305	3.802	18
19	3.377	3.188	3.189	4.393	6.238	7.387	5.882	5.110	4.186	3.886	4.398	3.801	19
20	3.376	3.178	3.186	4.481	6.278	7.121	5.897	5.088	4.141	3.807	4.816	3.747	20
21	3.388	3.181	3.180	4.584	6.320	6.846	5.791	5.103	4.106	3.833	4.803	3.674	21
22	3.362	3.204	3.177	4.642	6.318	6.820	5.718	5.113	4.068	3.826	4.682	3.623	22
23	3.321	3.230	3.178	4.694	6.182	6.446	5.649	5.133	4.170	4.024	4.703	3.388	23
24	3.271	3.230	3.178	5.044	6.030	6.345	5.598	5.181	4.201	4.148	4.538	3.343	24
25	3.248	3.227	3.186	5.183	5.886	6.290	5.585	5.213	4.190	4.099	4.388	3.390	25
26	3.233	3.223	3.204	5.172	5.787	6.282	5.486	5.284	4.132	4.077	4.288	3.551	26
27	3.268	3.218	3.232	5.172	5.748	6.280	5.378	5.237	4.083	4.067	4.206	3.592	27
28	3.300	3.203	3.258	5.198	5.818	6.291	5.288	5.131	4.043	4.028	4.185	3.734	28
29	3.348		3.280	5.267	5.833	6.300	5.210	5.012	4.024	3.988	4.102	4.201	29
30	3.720		3.249	5.398	5.871	6.381	5.188	4.911	4.014	3.847	4.043	4.358	30
31	3.708		3.258		5.986		5.180	4.826		3.863		4.488	31
MEAN	3.343	3.287	3.181	4.177	6.229	6.984	5.723	5.221	4.302	3.931	4.486	3.939	MEAN
MAX	3.720	3.445	3.258	5.398	6.889	7.451	6.298	5.673	4.767	4.148	5.484	4.720	MAX
MIN	3.188	3.178	3.113	3.284	5.515	6.110	5.180	4.826	4.014	3.789	3.881	3.343	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 4.569
MAXIMUM DAILY, 7.451 ON JUN 15
MINIMUM DAILY, 3.113 ON MAR 2
MAXIMUM INSTANTANEOUS,
7.488 AT 12:02 PST ON JUN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 50 N
LONG 121 27 05 W

REGULATED SINCE 1952

DRAINAGE AREA,
217 000 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 27.828 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - DRAINAGE AREA INCLUDES THE 14 000 km² BEHIND KENNEY DAM

FRASER RIVER AT MCBRIDE - STATION NO. 08KA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	37.0B	32.1B	27.0B	28.0B	149	444	487	510	231	148	86.1	76.0B	1
2	36.3B	30.6B	26.8B	30.0B	162	588	482	558	227	127 A	84.5	73.4B	2
3	35.6B	29.4B	26.4B	30.6B	162	599	461	505	211	118	85.2	73.5B	3
4	34.6B	28.8B	26.2B	31.7B	170	642	485	552	231	113	91.1	73.4B	4
5	34.2B	28.7B	26.0B	31.9B	195	746	436	536	240	112	89.4	72.6B	5
6	34.0B	28.4B	25.9B	32.4B	252	825	416	537	206	118	87.8	71.4B	6
7	34.4B	28.3B	25.9B	33.4B	331	789	420	548	197	110	85.6	70.0B	7
8	34.0B	28.1B	26.0B	34.9B	382	736	443	545	201	107	84.2	67.8B	8
9	33.0B	28.0B	26.0B	36.1B	394	768	447	546	186	102	80.7	64.1B	9
10	31.8B	27.9B	25.9B	37.7B	444	798	484	517	174	107	128	59.5B	10
11	31.0B	27.8B	25.7B	38.0B	471	785	510	458	168	113	127	58.5B	11
12	30.7B	27.6B	25.4B	40.5B	486	820	516	441	178	108	101 B	59.0B	12
13	30.0B	28.0B	25.2B	42.5B	338	877	557	461	184	104	87.0B	61.0B	13
14	29.8B	28.3B	25.1B	44.5B	288	848	527	461	188	100	83.5B	64.4B	14
15	28.6B	28.4B	25.0B	46.2B	284	1 010	490	433	188	95.5	88.5B	65.4B	15
16	29.2B	28.3B	24.8B	48.2B	286	932	496	426	188	91.2	90.0B	65.0B	16
17	28.8B	28.1B	24.8B	50.5B	306	773	526	410	152	86.6	87.5B	63.0B	17
18	28.8B	27.8B	24.8B	53.0B	314	641	586	409	138	90.0	87.0B	60.0B	18
19	28.7B	27.6B	24.8B	55.4E	298	583	583	407	131	108	88.0B	58.2B	19
20	28.6B	27.6B	24.8B	58.2E	284	483	575	388	128	102	88.0B	59.4B	20
21	28.8B	27.8B	25.0B	61.7E	237	437	584	401	128	99.0	84.0B	64.8B	21
22	28.4B	28.0B	25.0B	65.7E	216	436	508	444	135	102	82.3B	63.2B	22
23	28.3B	28.1B	25.2B	72.0E	201	466	439	429	150	106	81.5B	63.0B	23
24	28.3B	28.2B	25.4B	82.0E	196	547	414	378	158	107	80.5B	63.5B	24
25	28.3B	28.1B	25.7B	93.0A	195	582	393	348	153	107	79.0B	64.0B	25
26	28.5B	28.0B	26.0B	95.9	196	605	384	326	161	102	77.2B	65.4B	26
27	28.8B	27.9B	26.3B	97.7	198	619	430	298	168	99.8	76.0B	67.0B	27
28	29.5B	27.7B	26.7B	105	197	642	476	288	181	98.8	75.2B	68.5B	28
29	30.9B		27.1B	121	204	650	476	260	188	80.5	74.7B	68.4B	29
30	34.0B		27.7B	141	231	620	488	237	174	80.5	75.0B	66.0B	30
31	33.3B		28.3B		312		485	235		88.4		67.0B	31
TOTAL	987.3	784.5	801.4	1 740.2	8 290	19 898	15 534	13 381	5 295	3 248.4	2 648.1	1 926.0	TOTAL
MEAN	31.2	28.4	25.8	58.0	286	662	501	431	177	105	88.3	62.1	MEAN
MAX	37.0	32.1	28.3	141	471	1 010	598	605	240	149	128	76.0	MAX
MIN	28.3	27.7	24.8	28.0	148	420	384	235	128	88.4	74.7	63.0	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 304
MAXIMUM DAILY, 1 010 ON JUN 15
MINIMUM DAILY, 24.8B ON MAR 15
MAXIMUM INSTANTANEOUS,
1 010 AT 15:00 PST ON JUN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 17 10 N
LONG 120 08 45 W
DRAINAGE AREA, 6 890 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	83 600	JUL	1 340 000
FEB	68 000	AUG	1 150 000
MAR	69 200	SEP	458 000
APR	150 000	OCT	281 000
MAY	714 000	NOV	229 000
JUN	1 720 000	DEC	166 000

TOTAL DISCHARGE, 6 430 000 dam³

FRASER RIVER AT MISSION - STATION NO. 08MH024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 180	1 470E	948E	1 270	4 080	5 110	5 780	3 480	2 840	1 770	1 580	1 840	1
2	1 180	1 180E	881E	1 370	4 180	5 890	5 800	3 530	2 770	1 780	1 810	1 830	2
3	1 120	1 010E	879E	1 480	4 480	6 110	6 320	3 680	2 680	1 780	1 750	2 210	3
4	1 050	954E	841E	1 590	4 820	6 540	6 140	3 680	2 800	1 740	2 370	3 380	4
5	1 380	982E	810E	1 710	5 080	7 030	5 080	3 530	2 830	1 790	2 070	3 540	5
6	1 330	954E	1 020E	1 930	5 290	7 500	5 040	3 980	2 480	1 730	2 220	3 630	6
7	1 210	882E	963	1 850E	5 640	7 880	4 950	4 280	2 450	1 680	2 880	3 580	7
8	1 300	884E	862	1 850E	5 810	7 780	4 830	4 190	2 400	1 850	2 810	3 500	8
9	1 170	884E	888	1 930	6 200	7 980	4 830	3 910	2 380	1 530	3 080	3 530	9
10	1 180	1 000E	1 080	1 730	6 640	7 870	4 440	3 780	2 390	1 580	6 630	3 390	10
11	1 180	1 010E	1 120	1 710	6 770	7 780	4 330	3 700	2 330	1 540	6 080	3 220	11
12	1 100	988E	1 210	1 750	6 800	7 730	4 300	3 840	2 320	1 660	3 840	3 080	12
13	1 170	988E	1 310	1 830	6 810	7 800	4 320	3 810	2 210	1 770	3 430	1 980	13
14	1 330	1 010E	1 240	1 840	6 870	7 880	4 380	3 850	2 130	1 720	3 800	1 830	14
15	1 260	1 010E	1 180	2 030	6 780	7 810	4 370	3 410	2 080	1 730	3 340	1 780	15
16	1 400	1 000E	1 040	2 180	6 640	7 850	4 480	3 380	2 040E	1 670	3 048	1 820	16
17	1 580	978E	1 080	2 220	6 070	7 830	4 500	3 330	2 030E	1 840	2 800	1 770	17
18	1 550	948E	981	2 280	5 840	7 840	4 590	3 310	2 020	1 810	2 840	1 780	18
19	1 480	943E	1 010	2 380	5 890	7 920	4 680	3 300	1 940	1 670	2 840	1 780	19
20	1 430	938E	988	2 830	6 840	7 840	4 780	3 270	1 880	1 830	2 880	1 700	20
21	1 430	938E	974	2 780	6 850	7 130	4 670	3 340	1 820	1 720	3 280	1 880	21
22	1 450	1 060E	1 080	2 780	6 880	6 670	4 830	3 470	1 780	1 780	3 080	1 480	22
23	1 430	1 100E	1 000	3 000	6 530	6 280	4 350	3 440	1 870	1 880	3 080	1 370	23
24	1 410	1 060E	988	3 250	6 250	6 040	4 210	3 480	1 780	2 240	2 980	1 280	24
25	1 330	1 030E	1 010	3 470	6 930	6 880	4 080	3 800	1 800	2 200	2 740	1 280	25
26	1 300	1 010E	1 080	3 550	6 820	6 800	3 980	3 580	1 800	2 130	2 560	1 380	26
27	1 280	1 000E	1 220	3 540	6 480	6 770	3 800	3 810	1 760	2 180	2 410	1 440	27
28	1 130	982E	1 330	3 580	6 880	6 740	3 880	3 480	1 730	2 120	2 310	1 480	28
29	1 180		1 300	3 840	6 840	6 700	3 840	3 270	1 710	2 030	2 140	1 800	29
30	1 050		1 300	3 830	6 870	6 780	3 480	3 120	1 680	1 880	2 080	2 170	30
31	2 280		1 330		6 780		3 420	2 880		1 840		2 310	31
TOTAL	41 710	28 834	33 258	71 080	170 880	208 370	138 120	109 810	83 980	58 030	87 130	82 180	TOTAL
MEAN	1 350	1 020	1 070	2 370	6 530	6 950	4 480	3 550	2 130	1 810	2 900	2 010	MEAN
MAX	2 280	1 470	1 330	3 830	8 870	7 980	5 780	4 280	2 840	2 240	6 630	3 540	MAX
MIN	1 100	938	878	1 270	4 080	5 110	3 420	2 880	1 870	1 530	1 750	1 280	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2 840
MAXIMUM DAILY, 7 980 ON JUN 8
MINIMUM DAILY, 878E ON MAR 3
MAXIMUM INSTANTANEOUS,
6 150 AT 18:00 PST ON JUN 9

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 07 38 N
LONG 122 18 08 W
DRAINAGE AREA, 228 000 km²

E - ESTIMATED
REGULATED SINCE 1982

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 800 000	JUL	12 000 000
FEB	2 470 000	AUG	8 500 000
MAR	2 870 000	SEP	5 530 000
APR	6 140 000	OCT	4 840 000
MAY	14 800 000	NOV	7 530 000
JUN	18 000 000	DEC	8 370 000

TOTAL DISCHARGE, 83 700 000 dam³

REMARKS - DRAINAGE AREA INCLUDES 14 000 km² BEHIND KENNEY DAM. DISCHARGES COMPUTED USING A ONE DIMENSIONAL UNSTEADY FLOW MODEL

FRASER RIVER AT MISSION - STATION NO. 08MH024

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.889	0.780	0.516	0.782	2.071	2.617	3.190	1.888	1.442	0.938	0.848	1.185	1
2	0.809	0.844	0.518	0.805	2.137	2.928	3.104	1.929	1.387	0.903	0.824	1.185	2
3	0.974	0.829	0.538	0.722	2.318	3.335	3.039	1.833	1.285	0.883	0.884	1.406	3
4	1.182	0.882	0.538	0.721	2.534	3.640	2.787	1.881	1.218	0.874	1.358	2.188	4
5	1.018	0.811	0.721	0.888	2.717	3.970	2.578	1.884	1.182	0.863	1.141	2.238	5
6	0.839	0.862	0.838	0.999	2.839	4.231	2.824	1.988	1.128	0.828	1.238	1.858	6
7	0.871	0.953	0.808	---	3.018	4.380	2.866	2.107	1.143	0.748	1.472	1.482	7
8	0.908	0.851	0.802	1.000	3.178	4.428	2.817	2.078	1.184	0.707	1.577	1.808	8
9	0.889	0.821	0.830	0.840	3.388	4.527	2.311	1.933	1.127	0.648	2.308	1.888	9
10	0.848	0.878	0.908	0.889	3.575	4.508	2.238	1.888	1.172	0.711	3.701	1.488	10
11	0.818	0.874	0.888	0.824	3.885	4.378	2.172	1.841	1.182	0.788	3.188	1.380	11
12	0.878	0.887	1.008	0.818	3.888	4.288	2.172	1.881	1.145	1.001	2.282	1.324	12
13	0.817	0.732	1.000	0.881	3.731	4.350	2.188	1.844	1.134	1.023	2.050	1.262	13
14	0.726	0.700	0.847	0.840	3.782	4.433	2.247	1.838	1.188	1.042	2.008	1.172	14
15	0.885	---	0.781	1.022	3.844	4.508	2.310	1.782	1.172	1.084	1.884	1.071	15
16	1.126	0.822	0.788	1.081	3.388	4.488	2.388	1.788	1.221	1.072	1.728	1.028	16
17	1.120	---	0.736	1.072	3.184	4.448	2.421	1.778	1.284	1.068	1.681	0.888	17
18	1.120	0.708	0.708	1.118	3.071	4.538	2.481	1.723	1.238	1.080	1.607	0.831	18
19	0.888	0.711	0.808	1.220	2.944	4.588	2.491	1.747	1.188	1.018	1.408	0.884	19
20	0.884	0.818	0.801	1.348	2.818	4.382	2.517	1.738	1.128	1.028	1.881	0.841	20
21	0.927	0.887	0.723	1.488	2.843	3.881	2.484	1.832	1.048	1.085	1.884	0.747	21
22	0.878	0.888	0.884	1.830	2.888	3.883	2.331	1.881	1.017	1.082	1.832	0.784	22
23	0.748	0.728	0.674	1.824	2.878	3.380	2.233	1.783	1.002	1.218	1.877	0.784	23
24	0.892	0.887	0.728	1.730	2.888	3.173	2.128	1.744	1.022	1.262	1.702	0.738	24
25	0.844	0.886	0.782	1.877	2.828	3.083	2.088	1.817	1.051	1.188	1.802	0.738	25
26	0.849	0.809	0.787	1.803	2.428	3.081	2.088	1.844	1.018	1.288	1.828	0.838	26
27	0.830	0.882	0.854	1.842	2.418	3.027	2.018	1.834	0.838	1.188	1.388	0.871	27
28	0.448	0.871	0.832	1.818	2.404	3.032	1.970	1.787	0.827	1.084	1.388	0.822	28
29	0.882		0.738	1.844	2.403	3.028	1.882	1.677	0.885	1.017	1.318	1.001	29
30	0.888		0.872	1.880	2.384	3.138	1.804	1.588	1.003	1.018	1.251	1.188	30
31	1.188		0.723		2.438		1.882	1.482		0.884		1.208	31
MEAN	0.842	---	0.787	---	2.825	3.848	2.284	1.828	1.124	0.988	1.888	1.187	MEAN
MAX	1.188	---	1.008	---	3.782	4.588	3.190	2.107	1.442	1.282	3.701	2.238	MAX
MIN	0.448	---	0.518	---	2.071	2.617	1.882	1.482	0.827	0.848	0.824	0.738	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MAXIMUM DAILY, 4.588 ON JUN 19
MINIMUM DAILY, 0.448 ON JAN 28
MAXIMUM INSTANTANEOUS,
4.638 AT 07:08 PST ON JUN 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 07 38 N
LONG 122 18 08 W

REGULATED SINCE 1982

DRAINAGE AREA,
228 000 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY .043 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - DRAINAGE AREA INCLUDES 14 000 km² BEHIND KENNEY DAM. DISCHARGES COMPUTED USING A ONE DIMENSIONAL UNSTEADY FLOW MODEL

FRASER RIVER AT PORT MANN PUMPING STATION - STATION NO. 08MH129

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 250	1 600E	950E	1 400	4 130	5 250	5 340	3 710	2 950	1 810E	1 950E	2 090E	1
2	1 310	1 280E	950E	1 620	4 180	5 880	5 100	3 880	3 100	1 800E	1 910E	2 130E	2
3	1 340	1 120E	920E	1 500	4 280	5 530	5 880	4 090	2 970	1 800E	1 880E	2 880	3
4	2 140	1 080E	920E	1 780E	4 820	5 820	5 770	4 070	2 820	1 790E	3 080	4 750	4
5	1 540	1 090E	980E	2 000E	5 020	7 270	5 540	4 180	2 770	1 820E	2 550	5 270	5
6	1 420	1 120E	1 100E	2 180E	5 380	7 800	5 420	4 340	2 670E	1 780E	2 520	3 820	6
7	1 400E	1 080E	1 080E	2 200E	5 800	8 030	5 140	4 840	2 490E	1 880E	3 640	3 080	7
8	1 330E	1 090E	1 100E	2 180E	6 260	8 230	5 020	4 480	2 480E	1 700E	3 550	3 110	8
9	1 310E	1 080E	1 070E	2 080	6 500	8 350	4 730	4 150	2 460E	1 880E	5 550	3 070	9
10	1 300E	1 120E	1 180E	1 820	7 080	8 420	4 820	4 040	2 490E	1 830E	9 080	2 730	10
11	1 280E	1 110E	1 180	1 780	7 180	8 280	4 500	3 980	2 380E	1 880E	7 840	2 320	11
12	1 220E	1 110E	1 980	2 040	7 380	7 880	4 410	3 810	2 470	2 020E	5 080	2 200E	12
13	1 440	1 090E	1 680	2 180	7 430	7 850	4 480	3 980	2 280	1 930E	3 710	2 120E	13
14	1 870	1 110E	1 850	2 110	7 370	8 170	4 550	3 880	2 240E	1 870E	4 080	1 980E	14
15	1 480	1 110E	1 380	2 200E	7 280	8 280	4 470	3 880	2 100E	1 870E	3 780	1 910E	15
16	1 930	1 080E	1 070	2 300E	8 870	8 230	4 580	3 700	2 080E	1 820E	3 380	1 980E	16
17	2 440	1 080E	1 200E	2 400E	8 270	8 010	4 780	3 850	2 070E	1 780E	3 230	1 930E	17
18	2 010	1 050E	1 050E	2 480E	8 430	8 180	4 260	3 820	2 070E	1 780E	2 740	1 930E	18
19	1 720	1 080E	1 100E	2 500E	8 080	8 330	4 980	3 880	2 010E	1 780E	2 670	1 920E	19
20	1 680E	1 080E	1 050E	2 700E	8 840	8 340	4 810	3 490	1 970E	1 750E	3 470	1 880	20
21	1 880E	980E	1 080E	2 980E	8 880	7 880	4 830	3 700	1 880	1 980	4 200	1 810	21
22	1 840	1 180E	1 200E	3 000E	8 800	7 180	4 700	4 020	1 790	2 220	3 580	1 840	22
23	1 430	1 200E	1 110E	3 200E	8 840	8 870	4 870	3 870	1 750	2 480	3 180	1 880	23
24	1 470	1 140E	1 070E	3 400E	8 110	8 480	4 520	3 810	1 880E	2 870	3 420	1 340	24
25	1 490	1 100E	1 180E	3 700E	8 830	8 430	4 210	3 820	1 900E	2 850	3 080	1 300E	25
26	1 280E	1 080E	1 280E	3 780	8 040	8 370	4 110	4 040	1 910	2 820	2 970	1 420E	26
27	1 480	1 030E	1 440	3 880	8 300	8 070	4 170	4 120	1 930	2 740	2 880	1 850E	27
28	1 240E	1 000E	1 780	3 880	8 310	8 800	3 900	3 830	1 880	2 800	2 350	1 880E	28
29	1 290E		1 800	3 980	8 170	8 800	3 900	3 840	1 780E	2 090	2 230	1 980E	29
30	1 880		1 800	3 950	8 080	8 880	3 780	3 800	1 720E	2 090E	2 180E	2 300E	30
31	3 080		1 810		8 080		3 820	3 210		2 080E		2 400E	31
TOTAL	48 880	31 180	38 140	77 180	181 880	218 420	147 430	120 740	67 210	81 870	108 440	71 440	TOTAL
MEAN	1 870	1 110	1 230	2 570	8 880	7 280	4 780	3 890	2 240	2 000	3 510	2 300	MEAN
MAX	3 080	1 800	1 810	3 980	7 430	8 420	8 340	4 840	3 100	2 870	8 080	8 270	MAX
MIN	1 220	880	920	1 400	4 130	8 280	3 820	3 210	1 720	1 880	1 880	1 300	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3 200
MAXIMUM DAILY, 8 080 ON NOV 10
MINIMUM DAILY, 920E ON MAR 3
MAXIMUM INSTANTANEOUS,
11 500 AT 22:30 PST ON NOV 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 04 N
LONG 122 49 37 W
DRAINAGE AREA, 232 000 km²

E - ESTIMATED
REGULATED SINCE 1952

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 210 000	JUL	12 700 000
FEB	2 690 000	AUG	10 400 000
MAR	3 300 000	SEP	5 810 000
APR	9 870 000	OCT	6 380 000
MAY	15 700 000	NOV	9 110 000
JUN	18 900 000	DEC	6 170 000

TOTAL DISCHARGE, 101 000 000 dam³

REMARKS - THIS STATION IS SUBJECT TO TIDAL EFFECT. DISCHARGES ARE COMPUTED USING A ONE DIMENSIONAL UNSTEADY FLOW MODEL

FRASER RIVER AT QUESNEL - STATION NO. 08KE002

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.188	---	3.880E	3.374	5.724	5.428	5.523	4.927	3.885E	3.678E	3.622	3.647E	1
2	3.258	---	3.830E	3.386	5.870	5.740	5.427	4.868	3.930E	3.748E	3.611	3.808E	2
3	3.262	---	3.818E	3.417	5.858	6.128	5.490	5.077	3.890E	3.880E	3.617	3.870E	3
4	3.268	---	3.808E	3.488	5.886	6.367	5.888	5.348	3.840E	3.470E	3.661	3.726E	4
5	3.273	---	3.878E	3.418	5.881	6.418	5.858	5.842	3.800E	3.378E	4.718	3.768E	5
6	3.280	---	3.868E	3.434	5.928	6.510	5.487	5.811	3.800E	3.330E	4.888A	3.742E	6
7	3.187	---	3.850E	3.478	6.088	6.677	5.424	5.318	3.828E	3.280E	4.800E	3.780E	7
8	3.148	---	3.840E	3.807	6.383	6.717	5.327	5.204	3.838E	3.280E	4.200E	3.648E	8
9	3.158	---	3.828E	3.518	6.882	6.872	5.248	5.178	3.788E	3.238E	4.183E	3.520E	9
10	3.218	---	3.818E	3.884	6.883	6.448	5.288	5.174	3.880E	3.288E	4.800E	3.380E	10
11	3.234	---	3.810E	3.881	6.780	6.842	5.318	5.183	3.820E	3.280E	4.718E	3.330E	11
12	3.248	---	3.810E	3.791	6.804	6.884	5.304	5.131	3.858E	3.488A	4.788E	3.308E	12
13	3.219A	4.383A	3.810E	3.885	6.800	6.848	5.278	5.038	3.800E	3.820E	4.698E	3.340E	13
14	---	4.282	3.810E	4.008	6.280	6.800	5.282	4.918	3.480E	3.838E	4.220E	3.408E	14
15	---	4.228	3.806A	4.084	6.858	6.887	5.309	4.882	3.490E	3.800E	4.088E	3.488E	15
16	---	4.188	3.808	4.308	6.781	6.849	5.288	4.840	3.488E	3.448E	3.980E	3.478E	16
17	---	4.887	3.801	4.338	6.718	6.882	5.482	4.821	3.458E	3.388E	3.845E	3.420E	17
18	---	4.028	3.487	4.338	6.781	6.828	5.881	4.785	3.420E	3.340E	3.833E	3.268E	18
19	---	4.003	3.488	4.434	6.818	6.308	5.830	4.748	3.438E	3.453A	4.008E	3.080E	19
20	---	3.988A	3.490	4.884	6.841	6.840	5.482	4.712	3.850E	3.832	4.742E	3.740E	20
21	---	3.920E	3.477	4.873	6.846	6.818	5.388	4.728	3.780E	3.848	4.410E	2.887E	21
22	---	3.870E	3.473	5.217	6.712	6.878	5.307	4.788A	3.880E	3.884	4.188E	2.720E	22
23	---	3.830E	3.422	5.432	6.609	6.587	5.288	4.880E	3.830E	3.884	4.010E	2.858E	23
24	---	3.800E	3.383	5.389	6.384	6.827	5.285	4.985E	3.700E	3.882	3.900E	3.300E	24
25	---	3.740E	3.373	5.337	6.238	6.848	5.142	4.870E	3.675E	3.884	3.788E	3.780E	25
26	---	3.720E	3.380	5.320	6.182	6.818	5.013	4.875E	3.480E	3.808	3.718E	4.180E	26
27	---	3.700E	3.384	5.308	6.203	6.889	4.930	4.800E	3.465E	3.774	3.858E	4.880E	27
28	---	3.880E	3.382	5.327	6.232	6.901	4.881	4.380E	3.438E	3.788	3.807E	4.880E	28
29	---		3.388	5.408	6.242	6.893	4.844	4.270E	3.418E	3.780	3.870E	4.883E	29
30	---		3.388	5.843	6.217	6.731	4.884	4.180E	3.470E	3.882	3.888E	4.770E	30
31	---		3.381		6.244		4.818	4.070E		3.848		4.880E	31
MEAN	---	---	3.487	4.308	6.883	6.188	5.283	4.880	3.848	3.588	4.108	3.823	MEAN
MAX	---	---	3.880	5.843	6.804	6.882	5.888	5.842	3.888	3.884	4.888	4.883	MAX
MIN	---	---	3.388	3.388	6.182	6.428	4.844	4.070	3.418	3.238	3.888	2.887	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 6.882 ON JUN 17
MINIMUM DAILY, 2.887E ON DEC 21
MAXIMUM INSTANTANEOUS,
6.906 AT 17:12 PST ON JUN 16

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 481.772 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - DRAINAGE AREA INCLUDES THE 14 000 km² BEHIND KENNEY DAM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 58 28 N
LONG 122 28 52 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1952

DRAINAGE AREA,
97 800 km²

FRASER RIVER AT RED PASS - STATION NO. 08KA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.33	7.85B	5.22	4.82	18.0	88.0	109	83.0	48.1	30.8	18.3	13.2	1
2	7.35	7.40B	5.13	4.85	24.1	133	106	105	45.9	28.8	17.9	12.8	2
3	7.35	7.10B	5.07	4.88	27.8	153	105	115	44.0	25.8	17.7	13.1	3
4	7.34	6.95B	5.03	4.80	31.1	171	104	117	42.8	24.8	17.6	13.3	4
5	7.37	6.75B	5.05	4.82	35.5	190 A	101	110	43.3	23.4	17.3	13.3	5
6	7.30	6.65B	5.05	4.96	45.5	228 E	97.3	102	42.1	22.7	17.0	13.0	6
7	7.16	6.55B	5.02	5.06	61.7	219 E	98.2	96.1	40.6	21.8	16.7	12.8	7
8	7.00	6.44B	5.08	5.15	77.3	209 E	103	95.8	38.9	20.8	16.4	12.7	8
9	6.85	6.38B	5.20	5.16	88.8	216 E	113	93.8	37.3	20.1	16.8	12.4	9
10	6.84	6.28B	5.29	5.03	101	222 E	118	89.9	35.8	20.6	16.1	12.2	10
11	6.81	6.22B	5.28	5.07	112	223 E	120	83.4	33.8	22.3	21.2	11.3	11
12	6.83	6.15	5.15	5.14	109	228 E	123	79.2	33.4	22.7	20.8	11.1	12
13	6.78	6.10	5.17	5.17	97.8	242 E	127	77.8	33.9	22.4	20.3	10.8	13
14	6.81	6.05	5.10	5.35	96.1	256 E	145	76.5	34.2	21.4	19.2	11.0	14
15	6.80	5.97	4.99	5.70	92.0	253 A	156	78.7	34.8	20.9	18.2	11.1	15
16	6.72	6.00	4.89	6.24	91.3	238	158	82.2	34.2	19.4	17.3	11.1	16
17	6.91	5.92	4.82	6.35	84.1	195	147	90.4	34.6	18.0	17.8	11.0	17
18	6.79	5.87	4.88	6.65	85.8	162	137	92.2	32.8	18.8	17.6	10.4	18
19	6.88	5.54	4.93	6.63	82.8	137	127	90.7	31.3	20.1	17.7	9.90	19
20	6.85	5.56	4.84	7.27	76.7	120	123	87.6	30.2	20.7	17.4	9.73	20
21	6.77	5.44	4.74	7.81	70.3	108	121	88.5	29.2	21.3	16.8	9.16	21
22	6.42	5.44	4.78	8.59	83.8	103	118	85.4	29.1	21.8	15.8	9.04	22
23	6.22	5.64	4.78	9.14	89.1	112	105	84.8	28.2	22.8	15.0	9.12	23
24	6.05	5.49	4.74	9.61	88.1	123	95.0	88.3	30.1	22.6	14.8	9.37	24
25	6.11	5.38	4.78	9.95	85.1	128	87.6	82.7	30.3	22.7	14.8	9.82	25
26	6.36	5.23	4.73	10.3	64.4	131	83.1	77.6	30.0	22.5	14.5	9.70	26
27	6.18	5.26	4.78	10.8	63.8	136	84.0	71.2	30.0	21.7	13.8	9.86	27
28	6.05	5.26	4.89	11.2	62.7	130	87.3	65.2	30.1	20.8	13.3	10.0	28
29	6.43		4.84	12.5	62.9	114	88.4	59.2	30.0	19.9	13.3	9.83	29
30	7.69		4.71	14.3	67.1	105	89.4	55.7	30.7	19.6	13.6	9.84	30
31	7.98		4.87		70.0		91.7	51.3		18.9		9.74	31
TOTAL	211.56	170.05	153.81	213.74	2 057.2	5 064.0	3 46..2	2 665.5	1 051.4	681.3	508.2	341.90	TOTAL
MEAN	6.83	6.07	4.96	7.12	66.4	169	112	86.6	35.0	22.0	16.9	11.0	MEAN
MAX	7.98	7.85	5.29	14.3	112	256	158	117	48.1	30.8	21.2	13.3	MAX
MIN	6.05	5.23	4.71	4.80	18.0	88.0	83.1	51.3	28.1	18.0	13.3	9.04	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 46.5
MAXIMUM DAILY, 256E ON JUN 14
MINIMUM DAILY, 4.71 ON MAR 30
MAXIMUM INSTANTANEOUS,
258 AT 15:50 PST ON JUN 15

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 58 55 N
LONG 119 00 15 W
DRAINAGE AREA, 1 700 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	18 300	JUL	299 000
FEB	14 700	AUG	232 000
MAR	13 300	SEP	90 800
APR	18 500	OCT	56 900
MAY	178 000	NOV	43 900
JUN	439 000	DEC	29 500

TOTAL DISCHARGE, 1 440 000 dam³

FRASER RIVER AT SHELLEY - STATION NO. 08KB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	177B	183B	151B	170B	1 700	1 400	1 250	802	523	465	396	374B	1
2	176B	176B	146B	178B	1 770	1 750	1 280	911	513	473	395	371B	2
3	175B	168B	146B	187B	1 700	2 020	1 410	1 050	503	458	425	374B	3
4	173B	164B	144B	198B	1 650	2 100	1 420	1 440	488	416	643	381B	4
5	172B	160B	143B	204B	1 660	2 150	1 380	1 420	464	378	1 180	386B	5
6	173B	157B	142B	217B	1 760	2 330	1 320	1 250	504	380	1 120	390B	6
7	174B	156B	141B	226B	1 860	2 470	1 250	1 140	524	351	914	387B	7
8	174B	154B	140B	246B	2 250	2 380	1 180	1 080	515	342	741	372B	8
9	173B	153B	140B	268B	2 350	2 180	1 170	1 070	488	335	856	352B	9
10	173B	152B	139B	288B	2 360	2 210	1 230	1 050	466	332	731	334B	10
11	172B	152B	139B	325B	2 460	2 280	1 230	1 040	438	336	1 020	322B	11
12	171B	152B	139B	364B	2 370	2 270	1 210	983	418	360	1 060	312B	12
13	169B	153B	139B	442B	2 060	2 300	1 210	925	404	369	881	295B	13
14	169B	154B	139B	484B	1 780	2 360	1 230	880	401	396	730	282B	14
15	168B	156B	140B	525B	1 660	2 460	1 270	873	407	384	565B	279B	15
16	165B	157B	139B	555B	1 450	2 590	1 350	870	413	366	535B	278B	16
17	164B	156B	138B	585B	1 460	2 430	1 420	825	408	348	525B	266B	17
18	163B	157B	137B	640B	1 600	2 130	1 400	810	395	340	530	246B	18
19	163B	157B	137B	680B	1 730	1 870	1 290	786	382	361	682	240B	19
20	164B	158B	136B	861	1 740	1 680	1 200	788	454	517	1 050	234B	20
21	163B	156B	137B	1 050	1 530	1 600	1 140	765	569	644	926	229B	21
22	163B	155B	137B	1 300	1 310	1 410	1 130	795	583	647	764	229B	22
23	163B	156B	136B	1 370	1 150	1 360	1 130	857	537	645	665B	229B	23
24	163B	156B	139B	1 310	1 040	1 360	1 070	1 000	480	627	520B	225B	24
25	162B	157B	139B	1 270	980	1 440	955	968	451	600	485B	320B	25
26	163B	157B	142B	1 280	973	1 600	880	865	433	474	460B	416B	26
27	168B	158B	144B	1 280	954	1 680	828	780	428	466	430B	505B	27
28	173B	165B	146B	1 280	1 010	1 750	805	698	414	467	400B	525B	28
29	180B		151B	1 370	996	1 620	826	641	410	443	385B	515B	29
30	182B		156B	1 500	983	1 420	872	592	411	418	384B	525B	30
31	166B		161B		1 110		895	552		403		545B	31
TOTAL	5 281	4 425	4 408	20 936	49 548	58 400	36 192	28 627	13 833	13 057	20 381	11 116	TOTAL
MEAN	170	158	142	698	1 600	1 950	1 170	923	461	421	680	359	MEAN
MAX	182	183	161	1 500	2 460	2 590	1 420	1 440	583	647	1 180	525	MAX
MIN	162	152	136	170	973	1 360	805	552	382	332	384	225	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 725
MAXIMUM DAILY, 2 590 ON JUN 16
MINIMUM DAILY, 136B ON MAR 20
MAXIMUM INSTANTANEOUS,
2 600 AT 09:00 PST ON JUN 16

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 00 40 N
LONG 122 37 00 W
DRAINAGE AREA, 32 400 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	456 000	JUL	3 130 000
FEB	382 000	AUG	2 470 000
MAR	381 000	SEP	1 200 000
APR	1 790 000	OCT	1 130 000
MAY	4 280 000	NOV	1 760 000
JUN	5 050 000	DEC	960 000

TOTAL DISCHARGE, 23 000 000 dam³

FRASER RIVER AT SOUTH FORT GEORGE - STATION NO. 08KE018

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.317	3.788	3.179	3.209	6.520	6.163	6.048	5.589	4.575	4.198	3.992	3.830	1
2	3.378	4.632	3.149	3.267	6.662	6.839	6.015	5.643	4.536	4.253	3.958	4.011	2
3	3.471	4.547	3.112	3.314	6.557	7.056	6.202	5.609	4.486	4.207	4.080	4.054	3
4	3.371	4.516	3.104	3.384	6.476	7.190	6.246	5.573	4.484	4.084	5.006	4.108	4
5	3.418	4.432	3.095	3.381	6.503	7.249	6.184	5.469	4.427	3.958	5.621	4.195	5
6	3.780	4.384	3.087	3.423	6.617	7.451	6.085	6.190	4.485	3.897	5.548	4.163	6
7	4.688	4.317	3.070	3.481	6.813	7.851	6.008	5.991	4.507	3.873	5.213	4.134	7
8	4.858	4.280	3.078	3.530	7.298	7.548	5.893	5.922	4.480	3.845	4.878	4.049	8
9	4.521	4.188	3.072	3.804	7.448	7.317	5.887	5.936	4.381	3.826	4.681	3.851	9
10	4.263	4.108	3.048	3.880	7.463	7.317	5.937	5.838	4.308	3.818	4.611	3.815	10
11	4.041	3.982	3.048	3.820	7.584	7.453	5.959	5.911	4.245	3.833	5.387	3.893	11
12	3.848	3.911	3.040	3.980	7.508	7.423	5.927	5.807	4.185	3.908	5.488	3.844	12
13	3.833	3.886	3.031	4.174	7.120	7.448	5.818	5.680	4.140	3.880	5.188	3.817	13
14	3.707	3.822	3.032	4.336	6.703	7.513	5.848	5.570	4.124	4.017	4.848	3.712	14
15	3.688	3.783	3.042	4.590	6.382	7.848	6.008	5.822	4.138	3.970	4.588	3.782	15
16	3.827	3.885	3.040	4.730	6.261	7.784	6.131	5.613	4.188	3.911	4.433	3.832	16
17	3.818	3.840	3.054	4.728	6.248	7.634	6.280	5.448	4.133	3.844	4.382	3.718	17
18	3.402	3.830	3.052	4.801	6.404	7.255	6.283	5.407	4.085	3.781	4.380	3.527	18
19	3.384	3.811	3.035	4.875	6.814	6.812	6.214	5.388	4.031	3.820	4.735	3.394	19
20	3.383	3.883	3.028	5.180	6.673	6.815	6.123	5.388	4.208	4.380	5.418	3.095	20
21	3.284	3.478	3.033	5.534	6.401	6.381	6.040	5.388	4.838	4.388	5.242	2.884	21
22	3.270	3.383	3.020	5.817	6.088	6.261	6.018	5.383	4.888	4.412	4.827	2.887	22
23	3.258	3.318	3.010	6.080	5.888	6.178	6.008	5.448	4.882	4.388	4.834	3.108	23
24	3.288	3.243	3.021	5.878	5.728	6.181	5.903	5.844	4.282	4.380	4.852	3.274	24
25	3.294	3.198	3.036	5.812	5.827	6.281	5.711	5.588	4.208	4.282	4.387	3.840	25
26	3.271	3.200	3.063	5.880	5.818	6.337	5.587	5.388	4.158	4.218	4.288	4.471	26
27	3.288	3.201	3.070	5.880	5.884	6.538	5.506	5.195	4.130	4.210	4.150	5.117	27
28	3.281	3.201	3.082	5.928	5.888	6.719	5.481	5.043	4.100	4.218	4.008	5.838	28
29	3.302		3.103	6.035	5.878	6.884	5.480	4.910	4.080	4.181	4.048	5.822	29
30	3.324		3.138	6.228	5.888	6.278	5.585	4.781	4.077	4.078	4.010	5.344	30
31	3.234		3.171		5.808		5.588	4.887		4.022		5.032	31
MEAN	3.590	3.814	3.088	4.828	6.448	6.995	5.938	5.578	4.288	4.072	4.668	3.970	MEAN
MAX	4.858	4.847	3.178	6.228	7.584	7.784	6.283	6.448	4.578	4.412	5.621	5.822	MAX
MIN	3.234	3.198	3.010	3.209	5.818	6.181	5.481	4.887	4.031	3.781	3.958	2.884	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MEAN, 4.757
MAXIMUM DAILY, 7.784 ON JUN 16
MINIMUM DAILY, 2.884 ON DEC 21
MAXIMUM INSTANTANEOUS,
7.802 AT 13:43 PST ON JUN 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 54 04 N
LONG 122 44 00 W

REGULATED SINCE 1952

DRAINAGE AREA,
79 800 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 557.764 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - DRAINAGE AREA INCLUDES THE 14 000 km² BEHIND KENNEY DAM

FRASER RIVER NEAR AGASSIZ - STATION NO. 08MF035

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.288	2.471	2.152	2.230	4.094	4.510	4.881	3.794	3.489	2.833	2.748	2.817	1
2	2.258	2.328	2.128	2.261	4.148	4.888	4.878	3.833	3.408	2.819	2.713	2.807	2
3	2.325	2.308	2.122	2.258	4.294	4.828	4.480	3.888	3.372	2.810	2.723	2.878	3
4	2.477	2.338	2.102	2.240	4.420	4.883	4.440	3.890	3.333	2.838	2.888	3.480	4
5	2.368	2.323	2.108	2.330	4.488	5.207	4.442	3.939	3.310	2.827	2.808	3.308	5
6	2.348	2.278	2.138	2.624	4.840	5.348	4.448	4.078	3.280	2.782	3.023	3.117	6
7	2.348	2.288	2.133	2.823	4.838	5.378	4.411	4.191	3.248	2.738	3.387	3.028	7
8	2.311	2.287	2.132	2.484	4.738	5.447	4.382	4.118	3.222	2.887	3.448	3.038	8
9	2.270	2.288	2.121	2.478	4.873	5.518	4.303	4.000	3.214	2.887	3.878	2.887	9
10	2.238	2.270	2.181	2.473	5.020	5.478	4.248	3.882	3.200	2.881	4.218	2.838	10
11	2.208	2.281	2.214	2.504	5.082	5.386	4.218	3.825	3.188	2.798	3.710	2.883	11
12	2.227	2.242	2.237	2.552	5.123	5.388	4.228	3.804	3.123	2.780	3.388	2.804	12
13	2.240	2.221	2.208	2.888	5.198	5.423	4.231	3.877	3.084	2.704	3.372	2.733	13
14	2.282	2.210	2.174	2.770	5.208	5.438	4.220	3.838	3.084	2.712	3.474	2.880	14
15	2.308	2.233	2.188	2.938	5.078	5.434	4.213	3.782	3.021	2.877	3.388	2.838	15
16	2.380	2.248	2.143	2.985	4.803	5.428	4.228	3.778	2.987	2.878	3.287	2.881	16
17	2.432	2.220	2.131	3.018	4.773	5.469	4.262	3.747	2.883	2.872	3.183	2.888	17
18	2.408	2.207	2.128	3.108	4.872	5.548	4.287	3.743	2.882	2.878	3.072	2.843	18
19	2.378	2.170	2.134	3.165	4.818	5.510	4.328	3.742	2.888	2.704	3.181	2.848	19
20	2.384	2.158	2.123	3.238	4.837	5.337	4.331	3.728	2.848	2.883	3.277	2.807	20
21	2.373	2.152	2.137	3.328	4.880	5.117	4.280	3.758	2.822	2.888	3.400	2.848	21
22	2.348	2.188	2.187	3.382	4.898	4.948	4.224	3.782	2.888	2.728	3.378	2.448	22
23	2.318	2.180	2.181	3.841	4.898	4.808	4.188	3.780	2.881	2.821	3.417	2.333	23
24	2.280	2.181	2.184	3.872	4.488	4.727	4.127	3.788	2.898	2.832	3.308	2.283	24
25	2.288	2.187	2.180	3.811	4.388	4.878	4.081	3.818	2.882	2.803	3.178	2.302	25
26	2.232	2.184	2.188	3.818	4.282	4.848	4.033	3.882	2.847	2.878	3.077	2.404	26
27	2.272	2.178	2.218	3.814	4.241	4.842	3.888	3.847	2.808	2.878	2.887	2.488	27
28	2.278	2.188	2.247	3.838	4.288	4.840	3.884	3.772	2.878	2.838	2.881	2.840	28
29	2.310		2.228	3.804	4.298	4.883	3.828	3.881	2.881	2.804	2.810	2.885	29
30	2.878		2.217	3.888	4.323	4.730	3.787	3.898	2.848	2.784	2.858	3.088	30
31	2.782		2.227		4.388		3.778	3.828		2.777		3.187	31
MEAN	2.340	2.241	2.182	2.880	4.618	5.110	4.230	3.835	3.088	2.783	3.231	2.770	MEAN
MAX	2.782	2.471	2.247	3.888	5.208	5.548	4.881	4.181	3.489	2.832	4.218	3.480	MAX
MIN	2.208	2.152	2.102	2.230	4.094	4.510	3.778	3.828	2.848	2.687	2.713	2.283	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MEAN, 3.288
MAXIMUM DAILY, 5.548 ON JUN 16
MINIMUM DAILY, 2.102 ON MAR 4
MAXIMUM INSTANTANEOUS,
5.583 AT 15:42 PST ON JUN 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 12 15 N
LONG 121 46 36 W

REGULATED SINCE 1952

DRAINAGE AREA,
218 000 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 10.293 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - DRAINAGE AREA INCLUDES THE 14 000 km² BEHIND KENNEY DAM

FRASER RIVER NEAR MARGUERITE - STATION NO. 08MC018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2808	3008	2808	348	2 270	1 810	2 240	1 580	988	880	803	884	1
2	2808	2808	2808	362	2 480	2 280	2 120	1 820	944	887	888	837	2
3	2808	2308	3008	384	2 480	2 680	2 130	1 700	923	720	803	867	3
4	2808	2208	3008	378	2 420	2 880	2 230	1 810	903	701	731	883	4
5	2808	2408	2858	384	2 400	3 040	2 230	2 380	881	881	1 280	707	5
6	2808	2508	2858	384	2 480	3 130	2 170	2 210	888	818	1 810	723	6
7	2708	2708	3008	418	2 580	3 210	2 110	2 020	882	890	1 410	722	7
8	2808	2808	3058	421	2 810	3 410	2 030	1 890	888	878	1 190	707	8
9	2808	2808	3058	484	3 180	3 280	1 980	1 830	873	885	1 020	873	9
10	2748	2808	3008	484	3 280	3 130	1 940	1 840	838	887	958	833	10
11	2708	2858	2908	894	3 340	3 180	1 890	1 840	802	880	1 070	878	11
12	2808	2908	2858	813	3 430	3 280	1 880	1 810	774	882	1 380	830	12
13	2808	2858	2808	888	3 280	3 230	1 880	1 740	747	870	1 370	814	13
14	2808	3008	2808	758	2 880	3 270	1 880	1 840	728	898	1 180	838	14
15	2808	3008	2808	828	2 800	3 340	1 880	1 880	718	808	1 010	848	15
16	3208	3108	2858	880	2 400	3 480	2 030	1 830	718	888	887	858	16
17	3808	3008	2908	1 010	2 320	3 880	2 120	1 830	718	870	842	874	17
18	3808	3008	2908	1 010	2 380	3 370	2 180	1 480	707	881	833	833	18
19	3808	3008	2858	1 070	2 470	3 080	2 180	1 440	883	834	858	487	19
20	3808	3108	2858	1 180	2 810	2 780	2 120	1 420	878	858	1 040	423	20
21	3808	3108	2858	1 820	2 570	2 640	2 040	1 420	728	713	1 370	327	21
22	3808	3108	2858	1 840	2 380	2 380	1 980	1 480	842	733	1 220	304	22
23	3808	3108	3008	2 070	2 140	2 280	1 970	1 480	848	741	1 080	327	23
24	3808	3108	307	2 080	1 880	2 220	1 840	1 530	808	741	822	400	24
25	3808	3008	307	2 010	1 870	2 210	1 880	1 830	781	730	838	428	25
26	3808	3008	308	1 870	1 810	2 280	1 710	1 570	718	708	801	808	26
27	3808	2908	318	1 880	1 810	2 320	1 810	1 430	888	884	783	888	27
28	3808	2858	318	1 880	1 820	2 800	1 840	1 300	888	877	712	1 180	28
29	3808		324	2 030	1 880	2 570	1 810	1 200	874	878	873	1 340	29
30	3808		328	2 120	1 840	2 430	1 820	1 110	888	880	871	1 400	30
31	3808		338		1 850		1 870	1 040		823		1 220	31
TOTAL	8 884	8 008	8 276	32 283	78 070	85 480	80 920	80 000	23 883	18 886	28 382	20 374	TOTAL
MEAN	313	288	289	1 080	2 480	2 880	1 970	1 810	780	835	978	887	MEAN
MAX	380	310	338	2 120	3 430	3 880	2 240	2 280	888	741	1 810	1 400	MAX
MIN	280	220	280	348	1 810	1 880	1 810	1 040	888	834	888	304	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1988

MEAN, 1 180
MAXIMUM DAILY, 3 880 ON JUN 17
MINIMUM DAILY, 2208 ON FEB 4
MAXIMUM INSTANTANEOUS,
3 880 AT 08:45 PST ON JUN 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 31 46 N
LONG 122 28 32 W
DRAINAGE AREA, 114 000 km²

B - ICE CONDITIONS

REGULATED SINCE 1952

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	835 000	JUL	5 280 000
FEB	882 000	AUG	4 320 000
MAR	801 000	SEP	2 080 000
APR	2 780 000	OCT	1 700 000
MAY	8 870 000	NOV	2 840 000
JUN	7 380 000	DEC	1 780 000

TOTAL DISCHARGE, 38 700 000 dam³

REMARKS - DRAINAGE AREA INCLUDES THE 14 000 km² BEHIND KENNEY DAM

FRENCH CREEK AT COOMBS - STATION NO. 08MB038

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.82	1.18	0.187	0.080	0.008	0.008	---	---	---	1
2	---	---	---	2.07	1.18	0.183	0.084	0.010	0.007	---	---	---	2
3	---	---	---	2.18	1.13 E	0.121	0.080	0.011	0.008	0	---	---	3
4	---	---	---	1.82	1.08	0.108	0.084	0.010	0.008	---	---	---	4
5	---	---	---	3.23	0.869	0.088	0.078	0.008	0.008	---	---	---	5
6	---	---	---	3.78	0.840	0.084	0.088	0.008	0.008	---	---	---	6
7	---	---	---	8.83	0.803	0.080	0.081	0.007	0.008	---	---	---	7
8	---	---	---	3.70	0.703	0.084	0.038	0.008	0.008	---	---	---	8
9	---	---	---	2.80	0.800	0.087	0.017	0.008	0.008	---	---	---	9
10	---	---	---	2.27	0.814	0.080	0.018	0.008	0.004	---	---	---	10
11	---	---	---	1.88	0.474	0.088	0.021	0.004	0.003	---	---	---	11
12	---	---	---	1.82	0.458	0.080	0.018	0.004	0.003	---	---	---	12
13	---	---	---	1.75	0.488	0.081	0.014	0.003	0.003	---	---	---	13
14	---	---	---	1.82	0.402	0.088	0.013	0.005	0.001	---	---	---	14
15	---	---	---	1.82	0.332	0.080	0.011	0.008	0	---	---	---	15
16	---	---	---	1.78	0.287	0.081	0.018	0.012	0	---	---	---	16
17	---	---	---	1.38	0.388	0.080	0.021	0.013	0	---	---	---	17
18	---	---	---	1.31	0.288	0.088	0.018	0.008	0	---	---	---	18
19	---	---	---	1.88	0.287	0.085	0.017	0.008	0	---	---	---	19
20	---	---	---	2.71	0.284	0.080	0.014	0.008	0	---	---	---	20
21	---	---	---	2.78	0.264	0.081	0.012	0.010	0	---	---	---	21
22	---	---	---	1.88	0.248	0.042	0.012	0.013	0	---	---	---	22
23	---	---	---	1.41	0.264	0.032	0.008	0.010	0	---	---	---	23
24	---	---	---	1.27	0.307	0.030	0.008	0.008	0	---	---	---	24
25	---	---	---	1.18	0.238	0.027	0.007	0.007	0	---	---	---	25
26	---	---	---	1.11	0.234	0.018	0.008	0.007	0	---	---	---	26
27	---	---	---	1.22	0.248	0.031	0.008	0.008	0	---	---	---	27
28	---	---	---	1.17	0.254	0.120	0.008	0.008	0	---	---	---	28
29	---		1.77	1.13	0.208	0.088	0.008	0.008	0	---	---	---	29
30	---		---	1.13	0.183	0.080	0.008	0.008	0	---	---	---	30
31	---		---		0.173		0.008	0.008		---	---	---	31
TOTAL	---	---	---	62.78	15.174	2.217	0.832	0.238	0.088	---	---	---	TOTAL
MEAN	---	---	---	2.08	0.489	0.074	0.027	0.008	0.002	---	---	---	MEAN
MAX	---	---	---	8.83	1.18	0.187	0.080	0.013	0.007	---	---	---	MAX
MIN	---	---	---	1.11	0.173	0.018	0.008	0.003	0	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON SEP 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 16 17 N
LONG 124 25 30 W
DRAINAGE AREA, 68.3 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	71.9
FEB	---	AUG	20.8
MAR	---	SEP	9.70
APR	5 430	OCT	---
MAY	1 310	NOV	---
JUN	192	DEC	---

FRY CREEK BELOW CARNEY CREEK - STATION NO. 08HH130

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.888	2.308	2.08	2.24	33.3	48.8	48.7	26.3	19.9	10.4	7.47	5.24	1
2	2.888	2.008	1.81	2.21	28.6	53.0	39.7	24.8	24.0	9.81	7.26	5.08	2
3	3.008	1.828	1.82	2.32	27.1	56.6	36.2	22.2	25.8	9.29	7.23	5.04	3
4	3.208	1.958	1.82	2.34	26.0	57.8	35.0	20.3	32.2	8.93	7.21	5.04	4
5	3.008	1.888	1.80	2.33	29.5	60.8	36.8	19.8	28.0	8.73	7.18	5.02	5
6	2.908	2.028	1.80	2.43	41.8	107	38.2	19.9	23.3	8.46	7.15	5.02	6
7	2.838	2.088	1.81	2.50	59.3	84.0	35.4	21.8	21.3	8.20	7.10	5.88	7
8	2.788	2.098	1.83	2.54	56.2	65.6	36.0	21.7	20.8	8.08	6.98	5.83	8
9	2.758	2.108	1.88	2.87	55.3	62.7	36.4	20.4	19.3	7.85	7.70	5.80	9
10	2.728	2.108	1.88	2.89	60.8	68.8	38.2	27.6	17.9	7.84	23.8	5.78	10
11	2.708	2.088	1.82	2.70	56.7	70.9	36.7	22.7	16.7	7.68	28.5	4.62	11
12	2.718	2.068	1.74	2.81	41.2	78.7	38.2	20.7	15.7	8.01	19.7	4.31	12
13	2.728	2.078	1.75	3.58	34.1	90.0	46.0	23.6	15.2	8.13	16.4	4.36	13
14	2.748	2.088	1.81	5.28	29.8	112	47.7	21.7	15.0	8.10	14.7	4.38	14
15	2.808	2.028	1.85	8.85	27.9	122	51.9	20.3	14.8	8.07	12.2	4.30	15
16	2.868	1.978	1.80	10.8	26.5	103	50.1	18.1	13.9	8.11	11.8	4.20	16
17	2.878	1.908	1.82	9.89	26.5	81.3	43.7	17.7	13.4	8.16	11.3	4.32	17
18	3.038	1.808	1.86	10.1	27.9	65.6	38.9	18.7	13.1	8.17	10.8	4.39	18
19	3.128	1.808	1.90	11.1	24.8	48.4	37.8	15.9	12.3	8.21	10.2	4.36	19
20	3.188	1.828	1.96	13.2	22.7	40.0	43.8	17.4	11.8	8.27	9.84	4.43	20
21	3.108	1.848	2.02	16.9	21.5	33.8	42.5	26.1	11.1	8.43	9.78	4.43	21
22	3.048	1.908	2.02	18.8	21.3	32.6	34.4	38.7	11.0	8.61	9.24	4.41	22
23	2.908	1.978	1.98	17.5	21.3	37.7	30.4	31.7	11.0	8.80	8.80	4.48	23
24	2.828	2.17	2.06	16.2	21.8	43.3	28.1	23.6	11.0	8.88	8.48	4.43	24
25	2.858	2.24	2.03	15.8	20.2	51.0	27.8	24.2	10.8	8.89	8.46	4.48	25
26	2.888	2.20	2.05	14.2	19.8	60.3	27.1	28.1	10.8	8.78	7.82	4.84	26
27	2.428	2.14	2.11	13.8	19.7	64.6	28.4	29.2	10.8	8.68	7.48	4.90	27
28	3.338	2.24	2.02	12.7	19.7	63.5	30.0	28.7	10.8	8.57	7.62	4.88	28
29	3.368		2.07	13.3	18.3	62.4	27.2	24.8	10.8	8.48	7.38	4.80	29
30	3.428		2.10	17.8	21.8	48.3	26.8	21.7	10.8	8.38	8.71	4.88	30
31	3.418		2.17		30.6		27.3	20.3		8.18		4.88	31
TOTAL	87.03	56.85	58.52	258.89	988.7	2 003.8	1 180.0	722.2	471.2	263.12	313.80	182.81	TOTAL
MEAN	2.81	2.03	1.92	8.82	31.2	88.8	37.1	23.3	15.7	8.48	10.8	4.93	MEAN
MAX	3.20	2.30	2.17	18.8	60.8	122	51.9	38.7	28.0	10.4	28.5	5.24	MAX
MIN	2.33	1.80	1.82	2.21	18.3	32.6	26.8	15.7	10.8	7.84	6.71	4.20	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.8
MAXIMUM DAILY, 122 ON JUN 15
MINIMUM DAILY, 1.82 ON MAR 11
MAXIMUM INSTANTANEOUS,
135 AT 23:35 MST ON JUN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 04 53 N
LONG 116 47 05 W

DRAINAGE AREA, 481 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 520	JUL	98 400
FEB	4 810	AUG	62 400
MAR	5 140	SEP	40 700
APR	22 400	OCT	22 700
MAY	83 400	NOV	27 100
JUN	173 000	DEC	13 200

TOTAL DISCHARGE, 582 000 dam³

FULFORD CREEK ON SALTSPRING ISLAND - STATION NO. 08HA088

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.574	0.101	0.061	0.034	0.020	0.018	---	---	---	1
2	---	---	---	0.581	0.101	0.058	0.032	0.018	0.018	---	---	---	2
3	---	---	---	0.588	0.094	0.058	0.032	0.018	0.018	---	---	---	3
4	---	---	---	0.620	0.091	0.048	0.032	0.018	0.018	---	---	---	4
5	---	---	---	0.577	0.094	0.043	0.030	0.017	0.018	---	---	---	5
6	---	---	---	0.702	0.097	0.041	0.030	0.017	0.018	0.013	---	---	6
7	---	---	---	0.612	0.097	0.038	0.028	0.017	0.018	---	---	---	7
8	---	---	---	0.515	0.091	0.038	0.027	0.018	0.018	---	---	---	8
9	---	---	---	0.484	0.085	0.034	0.026	0.017	0.018	---	---	---	9
10	---	---	---	0.410	0.079	0.033	0.026	0.017	0.018	---	---	---	10
11	---	---	---	0.337	0.078	0.028	0.025	0.017	0.018	---	---	---	11
12	---	---	---	0.317	0.070	0.028	0.027	0.017	0.018	---	---	---	12
13	---	---	---	0.283	0.067	0.033	0.027	0.017	0.018	---	---	---	13
14	---	---	---	0.263	0.068	0.038	0.027	0.018	0.018	---	---	---	14
15	---	---	---	0.248	0.062	0.032	0.026	0.017	0.018	---	---	---	15
16	---	---	---	0.232	0.062	0.032	0.030	0.017	0.018	---	---	---	16
17	---	---	---	0.218	0.064	0.034	0.028	0.017	0.018	---	---	---	17
18	---	---	---	0.208	0.067	0.036	0.026	0.017	0.018	---	---	---	18
19	---	---	---	0.194	0.064	0.038	0.026	0.017	0.018	---	---	---	19
20	---	---	---	0.202	0.064	0.033	0.023	0.017	0.018	---	---	---	20
21	---	---	---	0.190	0.061	0.032	0.023	0.018	0.018	---	---	---	21
22	---	---	---	0.179	0.058	0.030	0.022	0.018	0.018	---	---	---	22
23	---	---	---	0.171	0.057	0.027	0.022	0.017	0.018	---	---	---	23
24	---	---	---	0.163	0.061	0.026	0.022	0.018	0.017	---	---	---	24
25	---	---	---	0.156	0.058	0.022	0.020	0.018	0.017	---	---	---	25
26	---	---	---	0.148	0.072	0.026	0.020	0.018	0.017	---	---	---	26
27	---	---	---	0.134	0.067	0.027	0.020	0.016	0.018	---	---	---	27
28	---	---	---	0.126	0.080	0.034	0.020	0.016	0.018	---	---	---	28
29	---		0.808	0.123	0.084	0.030	0.018	0.016	0.018	---	---	---	29
30	---		---	0.110	0.081	0.032	0.018	0.016	0.018	---	---	---	30
31	---		---		0.072		0.018	0.016		---		---	31
TOTAL	---	---	---	8.737	2.388	1.057	0.778	0.515	0.488	---	---	---	TOTAL
MEAN	---	---	---	0.328	0.077	0.035	0.025	0.017	0.018	---	---	---	MEAN
MAX	---	---	---	0.702	0.101	0.061	0.034	0.020	0.018	---	---	---	MAX
MIN	---	---	---	0.110	0.058	0.022	0.018	0.016	0.014	---	---	---	MIN

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 48 38 N
LONG 123 28 13 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	67.2
FEB	---	AUG	44.5
MAR	---	SEP	43.2
APR	841	OCT	---
MAY	308	NOV	---
JUN	91.3	DEC	---

GASPARD CREEK BELOW OUTLET OF GASPARD LAKE - STATION NO. 08MD032

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.388A	0.484	0.403	0.401	0.587	0.184	---	---	1
2	---	---	---	---	0.381	0.478	0.387	0.406	0.580	0.186	---	---	2
3	---	---	---	---	0.382	0.482	0.406	0.408	0.592	0.181	---	---	3
4	---	---	---	---	0.357	0.477	0.408	0.418	0.603	0.178	---	---	4
5	---	---	---	---	0.334	0.478	0.407	0.418	0.617	0.178	---	---	5
6	---	---	---	---	0.348	0.480	0.407	0.434	0.612	0.172	---	---	6
7	---	---	---	---	0.388	0.483	0.410	0.418	0.608	0.188	---	---	7
8	---	---	---	---	0.348	0.477	0.408	0.403	0.598	0.188	---	---	8
9	---	---	---	---	0.333	0.501	0.402	0.414	0.602	0.108	---	---	9
10	---	---	---	---	0.317	0.488	0.407	0.407	0.588	0	---	---	10
11	---	---	---	---	0.310	0.481	0.400	0.408	0.588	0	---	---	11
12	---	---	---	---	0.311	0.485	0.418	0.404	0.598	0	---	---	12
13	---	---	---	---	0.317	0.477	0.414	0.434	0.587	0	---	---	13
14	---	---	---	---	0.304	0.489	0.418	0.575	0.574	0	---	---	14
15	---	---	---	---	0.344	0.481	0.417	0.550	0.572	0	---	---	15
16	---	---	---	---	0.481	0.488	0.418	0.522	0.578	---	---	---	16
17	---	---	---	---	0.478	0.481	0.417	0.487	0.574	---	---	---	17
18	---	---	---	---	0.487	0.442	0.423	0.550	0.588	---	---	---	18
19	---	---	---	---	0.478	0.482	0.417	0.580	0.570	---	---	---	19
20	---	---	---	---	0.511	0.448	0.418	0.583	0.558	---	---	---	20
21	---	---	---	---	0.518	0.442	0.409	0.578	0.561	---	---	---	21
22	---	---	---	---	0.487	0.438	0.411	0.588	0.551	---	---	---	22
23	---	---	---	---	0.512	0.436	0.418	0.573	0.581	---	---	---	23
24	---	---	---	---	0.537	0.437	0.414	0.585	0.551	---	---	---	24
25	---	---	---	---	0.493	0.433	0.417	0.563	0.581	---	---	---	25
26	---	---	---	---	0.474	0.435	0.410	0.575	0.388	---	---	---	26
27	---	---	---	---	0.484	0.438	0.403	0.581	0.214	---	---	---	27
28	---	---	---	---	0.504	0.430	0.398	0.508	0.204	---	---	---	28
29	---		---	---	0.515	0.430	0.405	0.605	0.200	---	---	---	29
30	---		---	---	0.489	0.426	0.405	0.587	0.195	---	0.020A	---	30
31	---		---		0.481		0.402	0.588		---		---	31
TOTAL	---	---	---	---	12.883	13.735	12.700	15.635	15.757	---	---	---	TOTAL
MEAN	---	---	---	---	0.415	0.458	0.410	0.504	0.525	---	---	---	MEAN
MAX	---	---	---	---	0.537	0.501	0.423	0.608	0.617	---	---	---	MAX
MIN	---	---	---	---	0.304	0.426	0.387	0.401	0.195	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.617 ON SEP 5
MINIMUM DAILY, 0 ON OCT 10
MAXIMUM INSTANTANEOUS,
0.634 AT 10:55 PST ON SEP 5

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 28 41 N
LONG 122 45 14 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 100
FEB	---	AUG	1 380
MAR	---	SEP	1 380
APR	---	OCT	---
MAY	1 120	NOV	---
JUN	1 180	DEC	---

GASPARD LAKE ABOVE OUTLET - STATION NO. 08MD031

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.870A	1.093	0.838	0.148	0.886	0.802	0.848	---	1
2	---	---	---	---	0.888	1.086	0.818	0.172	0.718	0.480	0.881	---	2
3	---	---	---	---	1.011	1.073	0.807	0.186	0.747	0.488	0.886	---	3
4	---	---	---	---	1.034	1.082	0.583	0.211	0.783	0.483	0.900	---	4
5	---	---	---	---	1.072	1.047	0.578	0.238	0.803	0.478	0.930	---	5
6	---	---	---	---	1.092	1.034	0.548	0.248	0.817	0.488	0.947	---	6
7	---	---	---	---	1.114	1.012	0.537	0.238	0.818	0.483	0.985	---	7
8	---	---	---	---	1.131	0.992	0.520	0.237	0.815	0.485	0.992	---	8
9	---	---	---	---	1.142	0.984	0.510	0.213	0.810	0.448	1.014	---	9
10	---	---	---	---	1.157	0.988	0.502	0.189	0.800	0.488	1.028	---	10
11	---	---	---	---	1.162	0.988	0.487	0.188	0.788	0.478	1.034	---	11
12	---	---	---	---	1.166	0.963	0.488	0.188	0.778	0.490	1.048	---	12
13	---	---	---	---	1.164	0.919	0.479	0.182	0.788	0.488	1.058	---	13
14	---	---	---	---	1.170	0.886	0.473	0.124	0.751	0.514	1.077	---	14
15	---	---	---	---	1.175	0.884	0.468	0.113	0.730	0.528	1.088	---	15
16	---	---	---	---	1.177	0.871	0.488	0.128	0.711	0.538	1.102	---	16
17	---	---	---	---	1.182	0.858	0.488	0.181	0.887	0.557	1.108	---	17
18	---	---	---	---	1.182	0.842	0.448	0.218	0.883	0.574	1.120	---	18
19	---	---	---	---	1.148	0.828	0.442	0.262	0.888	0.578	1.133	---	19
20	---	---	---	---	1.142	0.818	0.430	0.270	0.847	0.591	1.150	---	20
21	---	---	---	---	1.137	0.808	0.388	0.314	0.824	0.601	1.161	---	21
22	---	---	---	---	1.118	0.783	0.382	0.373	0.804	0.611	1.168	---	22
23	---	---	---	---	1.114	0.778	0.343	0.448	0.663	0.628	1.188	---	23
24	---	---	---	---	1.118	0.787	0.328	0.511	0.668	0.667	1.190	---	24
25	---	---	---	---	1.103	0.743	0.288	0.584	0.648	0.700	1.174	---	25
26	---	---	---	---	1.100	0.728	0.284	0.588	0.628	0.728	1.177	---	26
27	---	---	---	---	1.107	0.708	0.267	0.624	0.628	0.768	1.178	---	27
28	---	---	---	---	1.108	0.692	0.233	0.645	0.632	0.775	1.180	---	28
29	---		---	---	1.110	0.674	0.214	0.688	0.618	0.788	1.188	---	29
30	---		---	---	1.108	0.653	0.184	0.674	0.608	0.814	1.203A	---	30
31	---		---		1.100		0.168	0.681		0.833		---	31
MEAN	---	---	---	---	1.118	0.883	0.430	0.321	0.688	0.660	1.070	---	MEAN
MAX	---	---	---	---	1.177	1.093	0.838	0.681	0.818	0.833	1.202	---	MAX
MIN	---	---	---	---	0.870	0.653	0.168	0.113	0.608	0.448	0.848	---	MIN

WATER LEVELS IN METRES

MINIMUM DAILY, 0.113 ON AUG 15

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 28 30 N
LONG 122 45 14 W

A - MANUAL GAUGE

REGULATED

GEDDES CREEK AT THE MOUTH - STATION NO. 1082008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1488	0.1488	0.1808	0.1488	0.861A	0.318	0.373	0.418	0.184	0.237	0.1808	0.1918	1
2	0.1668	0.1808	0.1628	0.1368	0.806	0.278	0.436	0.328	0.186	0.216	0.1778	0.2068	2
3	0.1908	0.1638	0.1648	0.1368	0.618	0.248	0.476	0.243	0.171	0.216	0.2138	0.2158	3
4	0.1728	0.1628	0.1808	0.1388	0.844A	0.266	0.436	0.224	0.186	0.238	0.2208	0.2008	4
5	0.1668	0.1618	0.1488	0.1378	0.488E	0.258	0.402	0.204	0.176	0.217	0.2008	0.1808	5
6	0.1488	0.1648	0.1478	0.1388	0.409A	0.267	0.388	0.258	0.176	0.212	0.1628	0.1748	6
7	0.1488	0.1668	0.1478	0.1408	0.358E	0.427	0.336	0.174	0.184	0.206	0.1768	0.1718	7
8	0.1668	0.1668	0.1488	0.1488	0.307A	0.388	0.383	0.181	0.180	0.200	0.1728	0.1888	8
9	0.1808	0.1778	0.1488	0.1488	0.301A	0.328	0.308	0.138	0.300	0.205	0.1858	0.1628	9
10	0.2028	0.1618	0.1408	0.1568	0.277E	0.274	0.298	0.146	0.188	0.228	0.1588	0.1678	10
11	0.2188	0.1808	0.1378	0.1628	0.282E	0.273	0.288	0.142	0.150	0.217	0.1488	0.1728	11
12	0.2188	0.1838	0.1388	0.1748	0.380E	0.278	0.284	0.128	0.152	0.218	0.1448	0.1808	12
13	0.2178	0.1648	0.1378	0.1878	0.412A	0.281	0.280	0.110	0.151	0.183	0.1508	0.1958	13
14	0.2128	0.1788	0.1388	0.2028	0.404A	0.881	0.277	0.101	0.142	0.180	0.1808	0.2028	14
15	0.2138	0.1608	0.1438	0.2148	0.452E	0.455	0.266	0.131	0.137	0.188	0.1708	0.1878	15
16	0.2118	0.1548	0.1428	0.2308	0.418A	0.341	0.281	0.181	0.278	0.144	0.1858	0.1858	16
17	0.2088	0.1588	0.1408	0.2488	0.347A	0.270	0.261	0.128	0.210	0.1858	0.1888	0.1758	17
18	0.2068	0.1588	0.1368	0.2628	0.308E	0.238	0.383	0.105	0.118	0.1908	0.2058	0.1738	18
19	0.2048	0.1608	0.1328	0.2648	0.283A	0.286	0.331	0.103	0.139	0.1778	0.1838	0.1588	19
20	0.2108	0.1678	0.1388	0.2578	0.280A	0.384	0.383	0.108	0.231	0.1808	0.1888	0.1808	20
21	0.2028	0.1748	0.1388	0.2628	0.228A	0.267	0.407	0.185	0.315	0.1888	0.1838	0.1628	21
22	0.1838	0.1808	0.1458	0.2758	0.200	0.248	0.588	0.374	0.340	0.1908	0.1628	0.1888	22
23	0.1958	0.1778	0.1488	0.2858	0.185	0.214	0.658	0.210	0.333	0.1848	0.1708	0.1838	23
24	0.2078	0.1708	0.1478	0.3188	0.202	0.204	0.488	0.187	0.328	0.1878	0.1658	0.1878	24
25	0.2318	0.1888	0.1448	0.3288	0.178	0.208	0.444	0.174	0.302	0.1728	0.1488	0.1828	25
26	0.2488	0.1708	0.1378	0.3508	0.245	0.288	0.381	0.158	0.284	0.1828	0.1838	0.1788	26
27	0.2508	0.1888	0.1328	0.3608	0.280	0.337	0.272	0.188	0.250	0.1808	0.1838	0.1828	27
28	0.2388	0.1838	0.1338	0.4508	0.218	0.404	0.263	0.183	0.231	0.1708	0.1808	0.1788	28
29	0.2178		0.1418	0.6008	0.308	0.348	0.184	0.187	0.255	0.1738	0.1908	0.1748	29
30	0.1878		0.1508	0.7708	0.388	0.381	0.163	0.181	0.257	0.1648	0.1878	0.1708	30
31	0.1808		0.1618		0.282		0.171	0.178		0.1588		0.1898	31
TOTAL	6.183	4.885	4.480	7.630	11.228	8.330	10.861	5.844	5.380	5.841	5.277	5.837	TOTAL
MEAN	0.188	0.167	0.144	0.254	0.362	0.311	0.344	0.182	0.213	0.188	0.176	0.178	MEAN
MAX	0.250	0.183	0.182	0.770	0.861	0.681	0.588	0.418	0.340	0.238	0.220	0.215	MAX
MIN	0.148	0.148	0.132	0.138	0.178	0.204	0.163	0.101	0.118	0.144	0.144	0.180	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.227
MAXIMUM DAILY, 0.861A ON MAY 1
MINIMUM DAILY, 0.101 ON AUG 14
MAXIMUM INSTANTANEOUS,
1.02 AT 23:50 PST ON MAY 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 35 54 N
LONG 128 40 00 W
DRAINAGE AREA, 77.6 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	534	JUL	930
FEB	405	AUG	488
MAR	386	SEP	882
APR	659	OCT	505
MAY	970	NOV	455
JUN	808	DEC	478

TOTAL DISCHARGE, 7 180 dam³

GERRIMI CREEK NEAR THE MOUTH - STATION NO. 08KH028

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.441	0.041	0.012	0.004E	0.005E	0.005E	---	---	1
2	---	---	---	---	0.484	0.028	0.013	0.008	0.005E	0.005	---	---	2
3	---	---	---	---	0.438	0.028	0.014	0.028E	0.004	0.005E	---	---	3
4	---	---	---	---	0.344	0.019	0.013	0.044	0.004E	0.005E	---	---	4
5	---	---	---	---	0.307	0.011	0.015	0.029	0.005E	0.005	---	---	5
6	---	---	---	---	0.270	0.010	0.015	0.028E	0.005	0.005E	---	---	6
7	---	---	---	---	0.244	0.010	0.015	0.020E	0.005E	0.005E	---	---	7
8	---	---	---	---	0.182	0.008	0.007	0.015	0.004E	0.005	---	---	8
9	---	---	---	---	0.154	0.007	0.006	0.010E	0.003	0.005E	---	---	9
10	---	---	---	---	0.152	0.004	0.008	0.010E	0.003E	0.007E	---	---	10
11	---	---	---	1.22	0.150	0.004	0.005	0.005	0.003E	0.007	---	---	11
12	---	---	---	1.22	0.147	0.004	0.005	0.005E	0.003	0.006E	---	---	12
13	---	---	---	1.22	0.143	0.004	0.005	0.005	0.003E	0.006E	---	---	13
14	---	---	---	1.31	0.131	0.004	0.005	0.005	0.003E	0.011	---	---	14
15	---	---	---	1.39	0.113	0.004	0.004	0.006E	0.003	0.011E	---	---	15
16	---	---	---	1.58	0.091	0.004	0.004	0.006E	0.003E	0.011E	---	---	16
17	---	---	---	1.66	0.087	0.004	0.004	0.003	0.003E	0.011	---	---	17
18	---	---	---	1.66	0.131	0.004	0.003	0.003E	0.004	0.006E	---	---	18
19	---	---	---	1.77	0.138	0.004	0.003	0.004E	0.004E	0.007E	---	---	19
20	---	---	---	6.36	0.150	0.004	0.003	0.007	0.004	0.006	---	---	20
21	---	---	---	5.36	0.157	0.004	0.003	0.006	0.004E	0.006E	---	---	21
22	---	---	---	4.42	0.150	0.003	0.003	0.047	0.004E	0.006E	---	---	22
23	---	---	---	2.81	0.126	0.003	0.003	0.044	0.004	0.006	---	---	23
24	---	---	---	1.84	0.103	0.003	0.003	0.045	0.004E	0.010E	---	---	24
25	---	---	---	1.61	0.088	0.002	0.003	0.026	0.003E	0.015E	---	---	25
26	---	---	---	1.20	0.086	0.003	0.003	0.015	0.003	0.020	---	---	26
27	---	---	---	1.05	0.081	0.004	0.003	0.015E	0.003E	0.020E	---	---	27
28	---	---	---	0.978	0.087	0.003	0.003	0.014	0.003E	0.020E	---	---	28
29	---		---	0.888	0.083	0.003	0.002	0.013E	0.004	0.020	---	---	29
30	---		---	0.885	0.080	0.003	0.002	0.008E	0.004E	0.020E	---	---	30
31	---		---		0.041		0.002	0.005		0.020E		---	31
TOTAL	---	---	---	---	5.283	0.238	0.182	0.486	0.112	0.308	---	---	TOTAL
MEAN	---	---	---	---	0.170	0.008	0.006	0.016	0.004	0.010	---	---	MEAN
MAX	---	---	---	---	0.484	0.041	0.015	0.047	0.005	0.020	---	---	MAX
MIN	---	---	---	---	0.041	0.002	0.002	0.003	0.003	0.005	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 6.36 ON APR 20

DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 50 53 N
LONG 122 13 31 W
DRAINAGE AREA, 58.8 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	18.8
FEB	---	AUG	41.8
MAR	---	SEP	9.86
APR	---	OCT	28.4
MAY	456	NOV	---
JUN	20.8	DEC	---

GLADYS RIVER AT OUTLET OF GLADYS LAKE - STATION NO. 08AE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.808	4.488	3.978	3.208	4.98	40.8	33.3	21.4	13.8	10.2	8.46	6.778	1
2	5.808	4.608	3.858	3.208	5.58	43.5	32.7	21.4	13.1	10.2	8.38	6.718	2
3	5.788	4.788	3.818	3.198	6.18	46.2	32.3	20.8	12.7	10.3	8.27	6.658	3
4	5.728	4.718	3.698	3.198	6.83	46.8	31.6	20.3	12.8	10.4	8.17	6.598	4
5	5.708	4.678	3.638	3.188	7.48	48.6	31.5	19.8	12.5	10.5	8.02	6.498	5
6	5.628	4.608	3.608	3.108	8.28	50.0	30.6	20.5	12.2	10.6	8.06	6.468	6
7	5.608	4.568	3.748	3.088	9.38	50.6	30.3	20.0	12.1	10.7	8.02	6.468	7
8	5.588	4.568	3.688	3.068	10.7	49.8	29.8	20.4	12.0	10.8	8.65	6.468	8
9	5.568	4.518	3.608	3.078	12.1	48.1	29.3	19.8	11.8	10.6	8.42	6.528	9
10	5.528	4.488	3.578	3.068	14.4	48.2	28.1	20.0	11.8	10.7	8.188	6.608	10
11	5.488	4.418	3.518	3.088	16.8	47.7	26.8	18.8	11.8	10.7	7.888	6.708	11
12	5.468	4.388	3.508	3.108	18.0	47.1	26.1	19.4	11.4	10.6	7.738	6.788	12
13	5.418	4.378	3.508	3.138	20.7	46.6	27.6	19.3	11.3	10.7	7.628	6.748	13
14	5.388	4.388	3.508	3.188	22.3	47.0	27.0	19.0	11.0	10.6	7.628	6.738	14
15	5.388	4.308	3.608	3.228	23.4	46.7	26.5	18.6	11.0	10.6	7.628	6.818	15
16	5.388	4.278	3.808	3.278	24.3	46.2	25.9	18.4	10.7	10.5	7.628	6.808	16
17	5.288	4.248	3.498	3.308	24.9	46.6	25.6	18.1	10.6	10.5	7.808	6.438	17
18	5.218	4.218	3.488	3.368	25.1	44.2	24.7	17.8	10.5	10.5	7.808	6.388	18
19	5.188	4.188	3.418	3.48	25.3	43.0	24.3	17.2	10.5	10.4	7.318	6.268	19
20	5.138	4.178	3.408	3.45	25.3	41.9	23.9	18.8	10.5	10.4	7.208	6.228	20
21	5.088	4.118	3.388	3.54	25.4	40.9	24.2	16.3	10.5	10.3	7.188	6.278	21
22	5.088	4.088	3.318	3.62	25.6	38.7	24.4	16.7	10.5	10.2	7.188	6.358	22
23	5.038	4.058	3.308	3.66	25.7	38.6	24.3	16.7	10.4	10.1	7.148	6.448	23
24	5.018	4.018	3.288	3.68	26.5	37.0	24.2	16.3	10.4	10.1	7.038	6.628	24
25	5.008	4.008	3.278	3.78	27.0	36.2	23.8	16.0	10.3	9.94	7.008	6.788	25
26	5.008	4.008	3.238	3.82	27.5	36.0	23.4	15.8	10.3	9.46	6.988	6.888	26
27	5.008	4.008	3.218	3.87	26.0	35.4	23.0	15.4	10.2	9.78	6.868	6.938	27
28	4.988	3.988	3.208	4.13	28.1	34.5	22.5	15.3	10.1	9.78	6.808	6.828	28
29	4.888		3.208	4.30	30.6	84.0	22.4	14.9	10.1	9.80	6.618	6.808	29
30	4.858		3.208	4.59	33.7	33.7	22.4	14.5	10.1	9.34	6.788	6.818	30
31	4.838		3.208		37.3		22.0	14.1		9.41		6.708	31
TOTAL	164.93	121.84	108.82	102.88	839.38	1 284.4	829.8	580.5	336.5	319.10	238.38	204.88	TOTAL
MEAN	5.32	4.34	3.50	3.43	20.3	43.1	26.8	18.1	11.2	10.3	7.86	6.80	MEAN
MAX	5.80	4.86	3.87	4.59	37.3	80.5	33.3	21.4	13.8	10.8	8.46	6.83	MAX
MIN	4.82	3.88	3.20	3.07	4.86	33.7	22.0	14.1	10.1	9.34	6.78	6.22	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.4
MAXIMUM DAILY, 80.5 ON JUN 7
MINIMUM DAILY, 3.078 ON APR 9
MAXIMUM INSTANTANEOUS,
80.4 AT 12:45 PST ON JUN 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 54 20 N
LONG 133 54 50 W
DRAINAGE AREA, 1 810 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	14 200	JUL	71 700
FEB	10 500	AUG	48 400
MAR	9 380	SEP	28 100
APR	8 900	OCT	27 500
MAY	84 400	NOV	20 300
JUN	112 000	DEC	17 700

TOTAL DISCHARGE, 434 000 dam³

GLENORA CREEK NEAR DUNCAN - STATION NO. 08HA066

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.03	0.184	0.088	0.047	0.025	0.037	---	---	---	1
2	---	---	---	1.02	0.164	0.043	0.044	0.018	0.038	---	---	---	2
3	---	---	---	1.18	0.138	0.038	0.040	0.022	0.038	---	---	---	3
4	---	---	---	1.14	0.131	0.027	0.033	0.020	0.041	---	---	---	4
5	---	---	---	2.18	0.126	0.027	0.034	0.017	0.038	---	---	---	5
6	---	---	---	1.80	0.142	0.030	0.030	0.018	0.038	---	---	---	6
7	---	---	---	1.48	0.135	0.032	0.024	0.023	0.037	---	---	---	7
8	---	---	---	1.18	0.112	0.036	0.026	0.018	0.038	---	---	---	8
9	---	---	---	1.00	0.106	0.033	0.022	0.018	0.041	---	---	---	9
10	---	---	---	0.836	0.103	0.022	0.022	0.020	0.032	---	---	---	10
11	---	---	---	0.738	0.091	0.024	0.021	0.018	0.031	---	---	---	11
12	---	---	---	0.670	0.086	0.022	0.022	0.020	0.030	---	---	---	12
13	---	---	---	0.583	0.086	0.023	0.018	0.023	0.027	---	---	---	13
14	---	---	---	0.514	0.077	0.024	0.017	0.034	0.018	---	---	---	14
15	---	---	---	0.489	0.072	0.026	0.018	0.020	0.021	---	---	---	15
16	---	---	---	0.410	0.067	0.017	0.027	0.036	0.027	---	---	---	16
17	---	---	---	0.370	0.100	0.018	0.033	0.022	0.018	---	---	---	17
18	---	---	---	0.333	0.064	0.018	0.028	0.020	0.017	---	---	---	18
19	---	---	---	0.318	0.073	0.031	0.022	0.020	0.018	---	---	---	19
20	---	---	---	0.330	0.0868	0.023	0.027	0.023	0.018	---	---	---	20
21	---	---	---	0.284	0.084	0.024	0.017	0.045	J.018	---	---	---	21
22	---	---	---	0.270	0.084	0.021	0.022	0.038	0.018	---	---	---	22
23	---	---	---	0.232	0.087	0.020	0.013	0.031	0.018	---	---	---	23
24	---	---	---	0.221	0.088	0.020	0.014	0.026	0.018	---	---	---	24
25	---	---	---	0.208	0.081	0.018	0.010	0.028	0.016	---	---	---	25
26	---	---	---	0.187	0.081	0.028	0.010	0.028	0.017	---	---	---	26
27	---	---	---	0.218	0.073	0.027	0.018	0.020	0.014	---	---	---	27
28	---	---	---	0.200	0.081	0.020	0.017	0.033	0.016	---	---	---	28
29	---		1.02	0.171	0.078	0.022	0.018	0.031	0.018	---	---	---	29
30	---		---	0.187	0.088	0.033	0.017	0.033	0.017	---	---	---	30
31	---		---		0.081		0.017	0.037		---		---	31
TOTAL	---	---	---	19.784	3.870	0.781	0.724	0.783	0.780	---	---	---	TOTAL
MEAN	---	---	---	0.689	0.093	0.028	0.023	0.028	0.028	---	---	---	MEAN
MAX	---	---	---	2.18	0.184	0.088	0.047	0.045	0.041	---	---	---	MAX
MIN	---	---	---	0.187	0.081	0.018	0.010	0.018	0.016	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 44 48 N
LONG 133 42 48 W
DRAINAGE AREA, 20.8 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	83.8
FEB	---	AUG	67.8
MAR	---	SEP	84.8
APR	1 710	OCT	---
MAY	248	NOV	---
JUN	87.5	DEC	---

GOAT RIVER NEAR ERICKSON - STATION NO. 08NH004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.55	7.40B	4.55B	10.0 E	79.0	83.5	28.8	6.39	8.71	4.70	7.55	12.5	1
2	5.21	5.00B	4.43B	9.95E	84.7	102	26.9	6.42	8.48	4.87	7.59	13.7	2
3	5.51	5.00B	4.38B	9.85E	97.3	106	23.9	7.21	8.87	4.88	7.75	12.8	3
4	5.00	3.90B	4.30B	9.60E	106	102	22.3	6.85	8.07	4.70	8.75	14.4	4
5	5.89	3.95B	4.40B	10.0 E	123	103	21.0	6.39	7.84	4.71	8.49	17.5	5
6	7.85	4.00B	4.80B	11.0 E	138	115	18.8	6.11	7.82	4.70	8.08	18.4	6
7	5.95	4.03B	4.88B	13.0 E	170	115	18.8	5.88	7.18	4.72	8.00	15.1	7
8	5.00B	4.14B	5.32B	15.8 E	157	103	17.9	5.69	7.28	4.72	8.44	15.1	8
9	5.10B	4.20B	5.00B	16.2 E	168	88.7	17.0	7.22	6.87	4.88	11.1	14.4	9
10	5.20B	4.32B	5.80B	15.7 E	172	85.3	17.1	10.7	5.88	4.73	48.7	13.4	10
11	5.40B	4.48B	7.40B	15.5 E	153	79.3	17.0	7.36	6.42	5.19	70.1	11.7 B	11
12	5.80B	4.55B	7.80B	17.8 E	118	78.7	15.4	6.48	6.28	5.11	48.8	11.0 B	12
13	6.00B	4.80B	8.30E	20.0 E	98.1	75.7	15.5	6.47	6.15	5.85	36.8	10.7 B	13
14	6.30B	4.55B	8.58E	27.0 E	85.9	77.1	16.3	6.23	6.03	7.55	31.5	10.9 B	14
15	5.80	4.55B	8.40E	41.0 E	82.5	70.6	14.3	5.48	5.78	6.28	26.0	11.0 B	15
16	7.14	4.57B	7.80E	55.5 E	84.3	71.3	13.4	6.47	5.58	5.83	26.3	10.1 B	16
17	7.84	4.56B	7.78E	57.0 E	86.2	83.7	12.8	6.31	5.48	5.42	23.1	10.0	17
18	7.58	4.57B	7.66E	81.4 A	86.4	53.1	12.0	6.24	5.52	5.28	21.5	9.84	18
19	7.07	4.58B	7.55E	59.9	83.5	50.7	11.1	5.80	5.59	5.30	20.5	9.40	19
20	5.76	4.60B	7.58E	73.7	73.3	48.8	10.7	5.98	5.38	5.42	20.5	9.31	20
21	5.73	4.65B	7.60E	86.2	88.4	41.0	10.2	5.63	5.18	8.14	21.8	8.73	21
22	5.78	4.73B	7.58E	108	67.4	36.7	9.54	9.08	5.12	10.9	19.7	7.85	22
23	5.45B	4.76B	7.50E	93.3	72.8	38.0	9.00	7.84	5.10	10.0	18.5	8.32	23
24	5.25B	4.80B	7.70E	77.6	72.4	35.9	8.50	6.01	5.02	12.7	18.9	8.43	24
25	5.35B	4.85B	8.00E	70.7	65.5	38.0	8.15	6.00	4.88	11.8	17.9	8.18	25
26	5.55B	4.80B	8.80E	64.0	63.8	38.2	7.83	11.9	4.83	10.1	18.7	7.88	26
27	5.00B	4.76B	9.50E	60.0	64.9	35.8	7.65	12.6	4.88	9.80	15.9	7.81	27
28	7.00B	4.88B	10.0 E	65.7	68.2	31.2	7.30	12.9	4.88	9.31	15.1	7.88	28
29	7.51		10.4 E	65.1	62.5	28.7	7.01	11.5	4.78	8.48	14.4	7.58	29
30	7.74		10.3 E	63.9	61.0	27.7	6.87	10.1	4.79	8.40	12.9	7.27	30
31	7.87		10.2 E		65.5		6.58	9.03		8.03		7.16	31
TOTAL	201.88	130.73	225.84	1 283.50	3 016.7	2 031.5	438.13	241.72	165.14	211.60	617.15	335.84	TOTAL
MEAN	6.51	4.67	7.29	42.8	97.4	67.7	14.1	7.80	5.17	6.83	20.6	10.8	MEAN
MAX	9.00	7.40	10.4	108	172	115	28.8	12.9	8.71	12.7	70.1	17.5	MAX
MIN	5.00	3.90	4.30	9.60	61.0	27.7	6.58	5.69	4.78	4.67	7.55	7.16	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 24.4
MAXIMUM DAILY, 172 ON MAY 10
MINIMUM DAILY, 3.90B ON FEB 4
MAXIMUM INSTANTANEOUS,
186 AT 01:58 MST ON MAY 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 21 N
LONG 116 27 20 W
DRAINAGE AREA, 1 180 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	17 400	JUL	37 900
FEB	11 300	AUG	20 900
MAR	19 500	SEP	14 300
APR	111 000	OCT	18 300
MAY	261 000	NOV	53 300
JUN	176 000	DEC	29 000

TOTAL DISCHARGE, 772 000 dam³

GOATHORN CREEK NEAR TELKWA - STATION NO. 08EE008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.322B	0.100B	0.038B	0.430B	7.80E	9.00E	2.61	1.81	1.05	1.37	0.874	0.948	1
2	0.305B	0.095B	0.039B	0.445B	8.20E	8.40E	2.84	2.11	1.00	1.07	0.888	0.949	2
3	0.287B	0.070B	0.042B	0.460B	8.20E	8.30E	2.93	2.10	0.938	0.881	0.882	1.04	3
4	0.276B	0.054B	0.044B	0.470B	8.50E	7.10E	3.01	1.80	0.892	1.01	0.768	1.04	4
5	0.273B	0.048B	0.045B	0.480B	9.07A	5.90E	2.81	1.71	0.878	1.11	0.740	0.980	5
6	0.271B	0.042B	0.047B	0.500B	11.7	5.25E	2.81	1.54	0.981	1.04	0.708	0.888	6
7	0.270B	0.040B	0.047B	0.520B	11.7	5.08E	3.11	1.62	1.09	1.07	0.876	0.885	7
8	0.271B	0.036B	0.047B	0.555B	10.7	4.82A	3.38	1.36	1.07	1.02	0.724	0.855B	8
9	0.274B	0.037B	0.046B	0.580B	8.86	3.95	3.80	1.18	1.02	1.02	0.738	0.805B	9
10	0.280B	0.038B	0.046B	0.600B	6.68	4.11	3.80	1.08	0.848	0.908	0.788	0.785B	10
11	0.285B	0.036B	0.046B	1.00 E	5.85	4.95	3.57	1.23	0.808	0.881	0.886	0.760B	11
12	0.292B	0.034B	0.047B	1.40 E	5.61	5.63	3.48	1.78	0.818	0.800	0.733	0.745B	12
13	0.307B	0.034B	0.049B	1.80 E	5.08A	5.81	3.38	2.32	0.777	0.807	0.883	0.750B	13
14	0.305B	0.035B	0.051B	2.50 E	5.38E	7.38	3.28	2.47	0.720	0.748	0.885	0.745B	14
15	0.297B	0.038B	0.053B	2.80 E	5.45E	4.59	2.77	2.09	0.888	0.275	0.810	0.744	15
16	0.280B	0.037B	0.055B	2.80 E	5.35E	3.50	2.42	1.81	0.877	0.813	0.883	0.734	16
17	0.273B	0.036B	0.062B	2.40 E	4.85E	2.89	2.37	1.87	0.888	0.881	0.588	0.724	17
18	0.253B	0.040B	0.066B	3.00 E	4.40E	2.72	2.41	2.40	0.858	0.717	2.71	0.715	18
19	0.222B	0.040B	0.072B	4.00 E	3.80E	2.50	2.28	2.11	0.881	0.700	4.28	0.700B	19
20	0.218B	0.041B	0.080B	4.80 E	2.70E	2.32	2.37	2.01	0.777	0.787	3.08	0.685B	20
21	0.221B	0.041B	0.084B	5.30 E	3.70E	2.48	2.07	2.31	0.887	0.760	2.85	0.680B	21
22	0.217B	0.041B	0.110B	5.15 E	3.90E	2.63	1.78	2.38	0.884	0.730	2.78	0.680B	22
23	0.193B	0.041B	0.130B	5.05 E	3.70E	3.86	1.69	2.51	0.800	0.713	2.34	0.720B	23
24	0.200B	0.040B	0.170B	4.85 E	4.00E	4.39	1.55	2.11	0.768	0.728	1.73	0.820B	24
25	0.218B	0.039B	0.200B	4.80 E	4.20E	4.24	1.45	1.70	0.729	0.718	2.12	1.00 B	25
26	0.226B	0.039B	0.240B	4.80 E	4.80E	3.80	1.80	1.44	0.881	0.721	2.15	1.25 B	26
27	0.226B	0.038B	0.260B	4.95 E	5.40E	2.86	2.48	1.38	0.859	0.683	2.62	1.27 B	27
28	0.226B	0.038B	0.280B	5.30 E	7.00E	2.62	2.65	1.34	0.631	0.818	2.93	1.20 B	28
29	0.205B		0.350B	6.00 E	10.8 E	2.52	2.03	1.37	2.58	0.818	2.05	0.950B	29
30	0.175B		0.350B	7.00 E	10.3 E	2.44	1.88	1.21	2.16	0.807	1.08	0.850B	30
31	0.138B		0.410B		9.40E		1.87	1.12		0.573		0.640B	31
TOTAL	7.823	1.248	3.666	84.810	207.83	134.54	80.80	55.38	28.230	25.415	44.880	26.843	TOTAL
MEAN	0.252	0.045	0.118	2.83	6.70	4.48	2.61	1.78	0.941	0.820	1.49	0.859	MEAN
MAX	0.322	0.100	0.410	7.00	11.7	9.00	3.80	2.51	2.58	1.37	4.28	1.27	MAX
MIN	0.138	0.034	0.038	0.430	2.70	2.32	1.45	1.08	0.631	0.573	0.588	0.640	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.92
MAXIMUM DAILY, 11.7 ON MAY 6
MINIMUM DAILY, 0.034B ON FEB 12
MAXIMUM INSTANTANEOUS,
14.4 AT 20:00 PST ON MAY 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 38 50 N
LONG 127 07 30 W
DRAINAGE AREA, 132 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	676	JUL	6 980
FEB	108	AUG	4 780
MAR	317	SEP	2 440
APR	7 340	OCT	2 200
MAY	17 900	NOV	3 880
JUN	11 600	DEC	2 300

TOTAL DISCHARGE, 60 500 dam³

GOLD RIVER ABOVE BACHELOR CREEK - STATION NO. 08NB013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.7248	0.4708	0.3928	0.405	5.00E	17.7E	15.2	22.4	6.16	3.85	1.05	0.785	1
2	0.7188	0.3988	0.3448	0.400	4.75E	18.1E	13.7	19.8	6.36	2.87	1.05	0.740	2
3	0.7108	0.4058	0.3808	0.400	4.78E	19.8E	13.9	21.8	7.64	3.12	1.08	0.708	3
4	0.7648	0.4048	0.3908	0.405	5.10	22.8E	14.8	19.6	6.72	3.24	1.09	0.748	4
5	0.8048	0.4308	0.4208	0.408	5.33A	25.5E	15.2	18.9	5.87	2.86	1.08	0.717	5
6	0.7188	0.8008	0.483	0.410	11.1 E	27.4E	15.3	20.8	4.80	2.28	1.05	0.711	6
7	0.8228	0.8558	0.458	0.408	12.7 E	23.7C	18.4	21.8	5.84	2.00	0.975	0.863	7
8	0.8228	0.8888	0.435	0.408	12.7 E	22.6E	18.7	21.8	5.82	2.02	1.01	0.813	8
9	0.8118	0.806	0.433	0.414	14.4 E	26.2E	18.4	20.8	5.33	2.32	1.07	0.885	9
10	0.8078	0.873	0.441	0.418	13.8 E	24.9E	17.3	20.2	5.10	8.82	3.86	0.720	10
11	0.8118	0.872	0.428	0.448	11.3 E	24.4E	16.3	20.2	5.68	4.12	2.41	0.8868	11
12	0.878	0.874	0.440	0.493	8.40E	27.8E	16.2	21.8	7.82	3.25	1.71	0.8828	12
13	0.887	0.843	0.438	0.544	7.20E	31.2E	22.7	23.6	8.42	2.67	1.37 B	0.8108	13
14	0.854	0.808	0.438	0.731	7.21E	32.7A	26.1	21.4	10.5	2.38	1.35 B	0.8158	14
15	0.824	0.828	0.435	1.84	7.80E	28.8	30.4	20.8	8.98	1.88	1.16 B	0.8928	15
16	0.844	0.488	0.4038	1.84	8.19E	22.0	28.1	18.6	5.88	1.81	1.21	0.8808	16
17	0.843	0.488	0.4208	1.84	8.09E	17.3	24.8	12.6	4.18	1.88	1.33	0.8778	17
18	0.831	0.486	0.438	1.49	7.08E	14.8	22.8	13.2	3.47	1.88	1.14	0.8848	18
19	0.845	0.491	0.430	1.62	8.08E	15.0	24.0	16.1	3.12	1.82	1.18	0.8868	19
20	0.845	0.514	0.426	1.30	8.38E	12.0	28.5	18.8	2.88	1.87	1.08	0.8108	20
21	0.814	0.807	0.42	1.45	8.01E	10.7	26.2	20.3	3.23	1.81	1.07	0.8408	21
22	0.837	0.804	0.420	1.38 A	4.78E	12.1	20.7	18.7	4.34	1.87	0.8008	0.7008	22
23	0.8308	0.485	0.418	1.41 E	5.28E	14.1	18.8	14.6	5.88	1.89	1.28 B	0.8848	23
24	0.8028	0.481	0.413	1.45 E	5.28E	14.8	20.2	13.1	5.99	1.80	1.13 B	0.8868	24
25	0.4848	0.478	0.407	1.80 E	5.13E	15.1	20.1	13.4	5.48	1.81	1.06 B	0.8888	25
26	0.5208	0.488	0.412	1.50 E	5.40E	14.8	20.3	11.4	6.87	1.44	0.885	0.7208	26
27	0.5848	0.474	0.410	1.75 E	5.41E	17.9	22.4	11.3	6.60	1.34	0.900	0.7238	27
28	0.588	0.4878	0.405	2.20 E	5.70E	13.1	23.4	9.87	7.40	1.22	0.895	0.7188	28
29	0.567		0.414	2.80	7.00E	12.8	23.3	8.72	7.88	1.11	0.855	0.8808	29
30	0.618		0.403	4.44	8.50E	14.6	24.9	8.88	8.42	1.19	0.787	0.8808	30
31	0.5108		0.404		12.5 E		24.7	7.75		1.09		0.8388	31
TOTAL	18.869	14.016	12.981	35.722	237.12	698.9	842.2	526.30	186.00	71.38	37.811	20.887	TOTAL
MEAN	0.831	0.501	0.419	1.19	7.65	20.0	20.7	17.0	6.20	2.30	1.26	0.676	MEAN
MAX	0.804	0.806	0.483	4.44	14.4	32.7	30.4	23.6	10.5	8.82	3.86	0.813	MAX
MIN	0.484	0.388	0.344	0.400	4.75	10.7	13.7	7.75	2.88	1.09	0.787	0.510	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.58
MAXIMUM DAILY, 32.7A ON JUN 14
MINIMUM DAILY, 0.344B ON MAR 2
MAXIMUM INSTANTANEOUS,
40.8 AT 20:07 MST ON JUL 15

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 38 47 N
LONG 117 44 26 W
DRAINAGE AREA, 136 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 880	JUL	85 900
FEB	1 210	AUG	45 500
MAR	1 120	SEP	18 100
APR	3 080	OCT	6 180
MAY	20 500	NOV	3 280
JUN	61 700	DEC	1 810

TOTAL DISCHARGE, 208 000 dam³

GOLD RIVER ABOVE PALMER CREEK - STATION NO. 08NB014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.638	1.638	1.378	1.84	13.5	46.6	47.7	84.0	17.6	8.28	4.08	3.31	1
2	2.548	1.408	1.148	1.67	12.6	51.6	42.1	47.2	17.3	8.43	4.04	3.32	2
3	2.538	1.438	1.248	1.58	12.7	53.3	41.5	51.7	16.3	8.32	4.03	3.24	3
4	2.708	1.408	1.388	1.68	13.7	58.4	42.8	46.4	15.3	8.70	4.12	3.40	4
5	2.698	1.548	1.508	1.48	18.8	68.8	43.0	43.4	14.7	8.73	4.01	3.32	5
6	2.718	1.778	1.628	1.81	29.4	74.4	43.0	47.4	11.6	8.82	3.86	3.26	6
7	2.518	1.838	1.698	1.84	34.7	68.1	48.1	60.2	13.2	8.78	3.82	3.03	7
8	2.268	2.108	1.868	1.81	33.8	61.0	48.0	49.7	13.1	8.48	3.88	3.24	8
9	2.138	2.218	1.63	1.65	38.4	72.9	41.8	48.5	12.0	8.86	8.21	3.16	9
10	2.148	1.898	1.89	1.55	37.8	66.4	44.4	46.8	11.2	20.7	11.9	2.81	10
11	2.308	1.788	1.86	1.84	33.1	68.3	48.7	45.1	12.3	10.8	8.23	2.71	11
12	2.368	1.888	1.98	1.80	23.2	74.4	54.0	44.8	15.0	8.88	8.14	2.388	12
13	2.828	1.728	1.81	2.07	19.8	78.8	60.8	52.2	14.3	7.88	8.24	2.088	13
14	2.908	1.728	1.67	2.70	19.8	85.8	64.8	48.8	13.7	7.00	8.22	2.128	14
15	2.788	1.758	1.58	4.88	20.4	84.1	60.2	49.2	17.4	8.02	4.40	3.388	15
16	2.788	1.788	1.47	4.40	22.4	71.1	70.2	35.8	13.3	8.38	4.71	2.878	16
17	2.888	1.748	1.80	3.86	22.3	84.8	63.0	28.7	10.4	8.33	4.81	2.788	17
18	2.888	1.738	1.82	3.77	20.2	80.2	85.3	28.5	8.28	8.37	4.81	2.788	18
19	2.738	1.808	1.51	4.20	17.1	80.8	58.8	31.6	7.88	8.26	4.88	2.778	19
20	2.808	1.848	1.48	4.29	14.8	41.8	70.2	34.2	7.14	8.18	4.80	2.818	20
21	2.488	1.858	1.82	5.18	13.7	38.4	82.8	44.8	7.10	8.28	4.28	2.868	21
22	2.348	1.888	1.82	5.05	13.0	40.0	47.3	45.8	8.22	8.87	3.42	2.818	22
23	2.008	1.848	1.81	4.81	14.3	44.1	43.0	33.7	11.4	8.74	3.84	2.708	23
24	1.788	1.828	1.83	4.81	14.8	48.0	48.0	38.8	11.8	8.05	4.30	2.868	24
25	1.888	1.808	1.82	5.10	14.0	49.0	44.7	38.8	12.7	8.88	4.18	2.828	25
26	1.808	1.82	1.83	4.99	14.8	59.5	45.8	24.7	13.4	8.28	3.89	2.828	26
27	2.078	1.80	1.88	5.28	14.7	86.8	53.8	22.7	12.1	8.05	3.87	2.828	27
28	2.288	1.82	1.87	5.33	15.2	41.3	84.8	20.8	14.2	4.84	3.89	2.818	28
29	2.488		1.82	5.13	16.8	41.8	53.7	18.8	14.7	4.33	3.81	2.808	29
30	2.728		1.87	10.8	23.7	47.8	86.8	17.1	13.7	4.85	3.48	2.888	30
31	2.708		1.88		33.2		87.4	16.8		4.00		2.888	31
TOTAL	78.24	48.88	47.31	109.24	648.8	1 788.8	1 838.0	1 180.8	382.11	200.88	138.72	87.78	TOTAL
MEAN	2.48	1.78	1.83	3.84	20.8	58.8	82.8	38.1	13.1	8.47	4.82	2.83	MEAN
MAX	2.80	2.21	1.88	10.8	38.4	86.8	80.3	84.0	18.7	20.7	11.8	3.40	MAX
MIN	1.88	1.40	1.18	1.48	12.7	38.4	41.8	16.8	7.10	4.00	3.42	2.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.3
MAXIMUM DAILY, 88.8 ON JUN 14
MINIMUM DAILY, 1.18B ON MAR 2
MAXIMUM INSTANTANEOUS,
107 AT 18:88 MST ON JUN 14

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 40 37 N
LONG 117 42 00 W
DRAINAGE AREA, 427 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 880	JUL	141 000
FEB	4 330	AUG	102 000
MAR	4 080	SEP	33 800
APR	8 440	OCT	17 300
MAY	88 000	NOV	12 000
JUN	153 000	DEC	7 880

TOTAL DISCHARGE, 847 000 dam³

GOLD RIVER BELOW UCONA RIVER - STATION NO. 08HC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	37.1A	153	22.2	84.0	148	93.6	44.0	14.3	7.88E	3.84E	32.9E	105	1
2	32.5E	95.3	20.0	85.6	137	92.0	48.0	16.8	7.58E	3.89E	40.0E	485	2
3	31.0E	87.6	18.4	89.9E	135	91.3	46.2	17.7	7.19E	3.51E	120 E	453	3
4	35.5A	84.4	17.6	86.4	137	87.3	48.4	18.5	6.82E	3.51E	166 E	649	4
5	72.0	48.0	20.6	88.3	159	82.5	43.9	15.6	6.69E	3.69E	116 E	270	5
6	55.4	38.6	28.5	167	173	73.2	40.0A	13.5	6.45E	3.88E	133 E	185	6
7	45.0	34.7	25.6	170	181	68.7	33.0E	12.6	6.22A	3.62E	118 E	173	7
8	38.6	30.6	26.1	112	151	62.4	28.3E	11.3 A	6.00E	3.74E	315 E	219	8
9	36.0	28.1	27.8	80.3E	109	59.6	24.7E	10.6 E	5.78E	3.82E	1 120 E	144	9
10	32.0	26.7	35.5	90.6E	89.7	54.7	24.3E	10.1 E	5.52E	7.00E	482 E	108	10
11	29.3	24.2	68.7	107 A	73.4	53.9	24.1E	9.88E	5.21E	18.5 E	320 E	82.0	11
12	80.0	22.1	63.1	113	82.0	54.2	23.8E	9.08E	4.95E	41.2 E	150 E	87.0	12
13	105	20.7	53.8	124	86.6	57.0	23.5E	8.45E	4.70E	34.5 E	109 E	68.6	13
14	84.7	20.0	50.2	188	86.7	58.5	23.3A	9.02E	4.48E	24.2 E	72.5A	52.6	14
15	82.3	19.1	41.9	170	82.0	55.6	22.6	8.98E	4.42E	18.7 E	84.8	48.6	15
16	142	18.3	36.2	118	88.9	48.7	21.5	8.82E	4.40E	19.1 E	71.6	41.5	16
17	173	17.2	34.7	94.8	88.6	43.8	22.6	8.63E	4.38E	21.0 E	79.4	38.0	17
18	111	16.7	31.0	84.1	88.2	45.6	22.0	8.47E	4.18E	112 E	83.9	39.7	18
19	83.7	16.2	28.6	127	90.0	46.6	20.7	8.82E	4.00E	83.1 E	206	38.6	19
20	86.8	15.7	28.0	348	85.0	47.7	18.2	9.00E	3.89E	188 E	188	33.6	20
21	88.7	15.8	26.7	247	81.7	42.1	16.0	11.2 E	3.78E	330 E	150	34.8	21
22	88.7	41.5	44.1	188 A	81.7	42.4	16.8	12.2 E	3.88E	216 E	108	40.6	22
23	85.0	48.2	39.7	142 E	82.2	44.1	16.6	11.1 E	3.82E	288 E	86.8	60.6	23
24	47.0	36.1	35.7	107 A	80.8	43.6	16.1	9.88E	3.61E	192 E	97.3	82.3	24
25	40.7	31.2	32.4	108	80.2	43.5	15.5	9.19E	4.00E	168 E	82.6	88.2	25
26	45.0	26.4	32.8	114	73.5	41.0	15.2	8.76E	4.88E	280 E	70.7	83.6	26
27	85.2	23.8	63.0	130	88.0	37.0	15.0	8.40E	4.83E	110 E	88.6	51.8	27
28	81.1	23.3	85.1A	114	78.6	37.0	14.4	8.08E	4.61E	78.5 E	186	47.2	28
29	271		84.8A	135	76.1	36.0	14.0	7.85E	4.35E	67.0 E	211	46.6	29
30	624		46.7E	180	78.2	40.3	13.3	7.45E	4.08E	48.5 E	136	48.4	30
31	312		57.9A		84.8		13.0	7.42E		40.0 E		77.7	31
TOTAL	3 114.4	1 012.7	1 209.0	3 839.1	2 848.4	1 890.2	787.3	331.69	161.46	2 428.80	5 189.0	3 812.4	TOTAL
MEAN	100	36.2	39.0	128	85.4	56.3	24.8	10.7	5.05	78.3	173	133	MEAN
MAX	624	153	83.1	348	173	93.6	48.2	18.8	7.58	330	1 120	649	MAX
MIN	29.3	15.7	17.8	84.4	40.2	36.0	13.0	7.42	3.61	3.61	32.8	33.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 71.7
MAXIMUM DAILY, 1 120 ON NOV 8
MINIMUM DAILY, 3.61E ON OCT 3
MAXIMUM INSTANTANEOUS,
1 730 ON NOV 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 42 21 N
LONG 126 05 32 W
DRAINAGE AREA, 1 010 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	288 000	JUL	68 300
FEB	87 500	AUG	28 600
MAR	104 000	SEP	13 100
APR	332 000	OCT	210 000
MAY	228 000	NOV	447 000
JUN	146 000	DEC	329 000

TOTAL DISCHARGE, 2 280 000 dam³

GOLDSTREAM RIVER BELOW OLD CAMP CREEK - STATION NO. 08ND012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.4 B	8.10B	3.85B	8.80	51.2	85.7	81.8	89.4E	38.1	14.4	13.2	12.7	1
2	11.2 B	4.80B	3.85B	8.87	51.8	111	81.8	87.0E	38.8	16.0	13.1	12.8	2
3	11.0 B	3.85B	3.95B	8.51	51.7	118	77.3	81.2E	36.2	16.1	13.2	13.0	3
4	10.4 B	3.70B	4.10B	8.84	50.2	122	74.7	71.8E	33.8	15.1	13.6	13.3	4
5	9.60B	3.85B	4.10B	8.76	48.7	139	74.6	86.4E	36.9	15.4	13.3	12.9	5
6	8.90B	4.00B	3.85B	8.84	78.8	155	70.2	84.0E	30.8	14.3	13.1	12.8	6
7	8.30B	4.30B	3.68B	8.87	84.2	145	73.8	86.2E	29.8	12.9	13.2	12.3	7
8	8.30B	4.40B	3.60B	7.09	83.1	130	80.1	84.4E	31.3	13.4	13.0	12.3	8
9	8.70B	4.45B	3.60B	7.12	87.6	141	71.8	70.8E	28.0	13.7	16.0	12.1	9
10	7.84B	4.80B	3.90B	7.38	112	133	74.4	81.8E	26.4	31.9	32.7	11.8	10
11	7.60B	4.80B	4.20B	7.88	104	128	84.3	88.8E	25.5	26.3	30.4	10.7	11
12	7.60B	4.85B	4.80B	8.05	78.0	140	79.0	86.8E	28.8	19.9	24.0	9.80B	12
13	7.60B	4.70B	5.00B	8.07	83.3	150	81.1	84.4E	29.0	19.0	20.8	10.0 B	13
14	7.60B	4.70B	5.40B	11.6	88.7	163	88.0	81.3E	30.8	17.8	19.7	10.4 B	14
15	7.60B	4.78B	5.28B	18.8	86.8	188	104	86.8E	30.8	16.6	17.7	10.7 B	15
16	7.88B	4.88B	5.00B	18.9	83.4	142	101	84.0E	27.6	14.9	17.8	11.1	16
17	7.80B	4.88B	4.70B	18.0	87.5	113	88.9	88.8E	26.3	14.2	17.4	11.3	17
18	7.48B	5.00B	4.80B	17.3	83.8	97.9	77.5	88.8E	21.8	13.9	17.1	10.0 B	18
19	7.40B	5.05B	4.40B	18.4	86.2	105	78.7E	88.0E	19.5	14.6	16.7	9.30B	19
20	7.28B	5.10B	4.40B	21.6	90.3	88.3	88.8E	80.8E	18.5	14.2	17.2	9.10B	20
21	7.10B	5.18B	4.80B	24.8	88.4	78.2	80.8E	86.0E	18.5	14.7	18.7	8.80B	21
22	8.70B	5.00B	4.85B	25.6	43.3	78.3	71.4E	77.0E	18.7	18.7	18.3	8.30B	22
23	9.00B	4.40B	5.05B	24.7	44.4	88.7	81.2E	84.0E	20.7	16.6	14.4	8.00B	23
24	8.30B	4.05B	5.28B	24.8	48.7	81.8	83.8E	84.0E	21.0	17.0	16.7	8.80B	24
25	8.40B	4.03B	5.50B	26.3	44.9	90.3	81.8E	86.0E	20.8	17.4	16.8	10.4 B	25
26	8.70B	4.03B	5.80B	25.6	46.1	86.2	82.3E	86.8E	22.3	16.7	14.4	11.4 B	26
27	8.20B	3.85B	6.30B	26.4	46.0	102	79.8E	87.0E	22.0	16.8	13.7	11.8	27
28	8.80B	3.80B	6.85	26.2	46.7	76.4	79.2E	86.8E	20.7	16.3	14.0	11.3	28
29	7.00B		6.70	33.3	51.2	72.4	72.1E	86.7A	22.0	14.1	13.7	10.6	29
30	7.20B		6.81	40.6	60.4	78.7	72.8	88.3	23.2	14.1	13.1	10.1	30
31	7.44B		8.76		74.3		78.4	86.2		14.0		9.82	31
TOTAL	234.03	126.22	150.37	488.67	1 953.8	3 484.8	2 448.8	1 774.3	788.7	510.7	500.0	339.33	TOTAL
MEAN	7.55	4.86	4.85	15.7	63.0	116	78.9	87.2	26.5	16.5	16.7	10.9	MEAN
MAX	11.2	8.10	8.81	40.6	112	188	104	91.2	38.8	31.9	32.7	13.3	MAX
MIN	6.30	3.68	3.85	6.81	43.3	72.4	81.2	84.2	18.5	13.4	13.0	8.30	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 35.1
MAXIMUM DAILY, 188 ON JUN 18
MINIMUM DAILY, 3.85B ON MAR 1
MAXIMUM INSTANTANEOUS,
213 AT 03:10 PST ON JUN 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 40 08 N
LONG 116 35 48 W
DRAINAGE AREA, 938 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	30 200	JUL	211 000
FEB	11 100	AUG	183 000
MAR	13 000	SEP	68 700
APR	43 200	OCT	44 100
MAY	169 000	NOV	43 200
JUN	301 000	DEC	29 200

TOTAL DISCHARGE, 1 110 000 dam³

GRAHAM RIVER ABOVE COLT CREEK - STATION NO. 07FA006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.250	3.680	4.000	5.600	23.2	115	63.5	30.5	25.8	28.9	13.0 B	10.3 B	1
2	5.320	3.780	4.050	5.600	25.8	118	55.0	29.7	25.5	27.8	13.8 B	10.2 B	2
3	5.250	3.900	4.100	5.700	28.4	111	56.4	29.0	24.9	26.5	13.0 B	10.1 B	3
4	5.000	4.130	4.215	5.740	33.4	108	70.4	28.0	24.2	26.0	12.9 B	10.0 B	4
5	4.800	4.225	4.360	5.600	41.1	118	74.8	26.4	23.0	26.9	12.7 B	9.860	5
6	4.800	4.350	4.380	5.600	52.7	120	71.1	25.4	22.1	26.6	12.3 B	9.820	6
7	4.250	4.360	4.350	5.450	64.8	120	82.9	25.1	21.7	25.8	11.7 B	9.360	7
8	4.270	4.450	4.380	5.500	73.1	108	105	24.4	21.3	24.5	10.8 B	9.000	8
9	4.385	4.600	4.380	5.600	80.0	102	105	24.4	20.8	23.5	10.0 B	8.780	9
10	4.500	4.450	4.360	5.660	90.5	95.6	97.0	27.8	18.8	24.3	9.300	8.840	10
11	4.650	4.530	4.300	5.700	86.5	91.5	80.3	34.0	19.0	23.7	8.840	8.700	11
12	4.750	4.550	4.500	5.740	87.7	80.3	81.3	35.8	18.5	23.0	7.980	8.600	12
13	4.400	4.500	4.660	5.680	78.2	86.8	73.5	33.2	18.1	22.1	7.780	8.000	13
14	4.300	4.360	4.780	5.800	87.5	85.1	87.0	31.6	17.4	20.8	7.600	8.280	14
15	4.375	4.350	4.700	5.520	87.1	80.9	81.7	32.3	17.2	20.3	7.840	8.240	15
16	4.400	4.300	4.450	5.440	70.5	71.0	57.1	38.1	17.3	17.9	8.400	8.050	16
17	4.360	4.190	4.400	6.57	71.6	59.8	52.7	35.9	17.1	17.3	9.000	8.700	17
18	4.400	4.270	4.650	7.11	66.1	53.8	49.1	36.1	16.5	16.5	9.890	8.400	18
19	4.430	4.360	4.820	7.35	61.3	51.5	46.9	36.9	16.7	16.0	10.3 B	8.160	19
20	4.560	4.430	4.760	8.15	60.7	50.6	44.4	35.4	16.0	16.0	10.4 B	8.050	20
21	4.400	4.530	4.980	8.86	61.7	48.1	41.9	33.8	16.1	19.4	10.2 B	8.200	21
22	4.360	4.560	5.080	10.2	56.9	43.6	38.8	37.3	16.6	18.7	9.880	8.500	22
23	4.250	4.530	5.050	10.8	54.2	44.5	36.8	40.6	17.2	18.2	9.340	8.600	23
24	4.300	4.480	5.040	11.1	52.7	45.3	35.0	38.5	15.8	18.8	9.040	8.000	24
25	4.400	4.400	5.005	11.9	52.2	46.2	34.5	36.5	16.0	17.9	9.080	8.040	25
26	4.450	4.420	4.985	12.6	54.6	58.5	32.7	34.5	15.8	17.8	9.300	8.840	26
27	4.400	4.350	5.000	13.4	55.2	60.5	31.7	33.2	15.4	17.0	9.500	8.560	27
28	4.300	4.150	5.100	13.7	56.4	65.6	32.3	31.6	14.8	16.1	9.650	8.300	28
29	4.270		5.200	15.8	56.8	73.5	31.8	30.7	16.6	14.5	10.1 B	8.250	29
30	4.100		5.350	18.8	70.9	87.2	31.1	29.4	24.3	13.99	10.2 B	8.050	30
31	3.750		5.420		86.3		32.1	27.8		13.59		8.020	31
TOTAL	139.12	120.84	144.51	246.12	1 908.7	2 445.7	1 806.8	993.6	572.0	650.0	302.93	270.49	TOTAL
MEAN	4.49	4.32	4.66	8.20	61.6	81.5	58.2	32.1	19.1	21.0	10.1	8.73	MEAN
MAX	5.32	4.56	5.42	18.8	90.5	120	105	40.6	25.8	28.9	13.0	10.3	MAX
MIN	3.75	3.68	4.00	5.44	23.2	43.6	31.1	24.4	14.8	13.6	7.78	8.02	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 26.3
MAXIMUM DAILY, 120 ON JUN 6
MINIMUM DAILY, 3.680 ON FEB 1
MAXIMUM INSTANTANEOUS,
131 AT 23:35 PST ON JUN 6

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 27 31 N
LONG 122 21 32 W
DRAINAGE AREA, 2 200 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	12 000	JUL	156 000
FEB	10 400	AUG	85 800
MAR	12 500	SEP	49 400
APR	21 300	OCT	56 200
MAY	165 000	NOV	26 200
JUN	211 000	DEC	23 400

TOTAL DISCHARGE, 830 000 dam³

GRANBY RIVER AT GRAND FORKS - STATION NO. 08NN002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.850	2.350	3.100	12.2	112	101	23.1	3.78	3.58	1.99	5.52	8.86	1
2	2.820	2.320	3.090	12.6	125	130	23.0	3.84	3.84	1.89	4.98	8.42	2
3	2.815	2.300	3.050	11.6	126	134	22.7	3.64	4.35	1.85	5.16	7.17	3
4	2.900	2.290	3.080	11.5	127	122	20.8	3.88	4.41	2.04	5.81	7.52	4
5	2.860	2.280	3.020	11.8	138	118	18.5	3.78	4.58	2.14	9.63	8.31	5
6	2.843	2.300	3.008	13.1	182	121	17.5 E	3.59	4.17	2.16	7.94	9.87	6
7	2.780	2.330	2.950	16.4	184	112	16.0 E	3.30	4.12	2.26	7.24	8.71	7
8	2.715	2.400	2.800	18.0	181	98.7	14.0 E	3.11	4.12	2.24	7.24	7.84	8
9	2.690	2.480	2.900	22.9	171	98.1	13.0 E	3.07	3.88	2.18	7.10	7.900	9
10	2.880	2.400	2.800	23.9	169	87.7	12.2	3.11	3.54	2.16	6.61	7.780	10
11	2.890	2.430	2.950	26.2	204	84.4	14.7	3.11	3.47	2.23	13.8	8.98	11
12	2.825	2.405	3.150	26.9	136	77.8	12.8	2.86	3.42	2.22	15.2 E	4.80	12
13	2.810	2.415	3.200	36.4	109	72.0	12.1	2.70	3.25	2.42	15.2	5.86	13
14	2.800	2.420	3.050	52.6	92.7	86.4	11.7	2.80	3.07	2.60	14.3	8.550	14
15	2.880	2.430	2.900	71.4	85.8	70.0	10.5	2.75	2.88	2.79	13.3	6.400	15
16	2.800	2.470	2.600	80.4	84.2	80.5	10.7	2.79	2.84	2.93	10.9	6.250	16
17	2.830	2.520	2.785	81.2	85.8	70.0	10.3	2.75	2.79	2.70	11.0	5.81	17
18	2.675	2.620	2.800	78.6	84.9	56.3	10.1	2.81	2.77	2.80	10.9	5.20	18
19	2.660	2.860	2.84	65.3	79.5	47.6	8.23	2.79	2.88	2.84	10.8	5.10	19
20	2.640	2.850	5.52	86.1	88.9	48.2	6.69	3.02	2.60	2.82	10.5	6.04	20
21	2.600	2.640	5.84	131	82.8	42.4	6.08	3.18	2.58	2.50	10.2	6.28	21
22	2.560	2.630	6.52	133	58.6	37.9	7.10	3.30	2.46	2.79	10.2	6.28	22
23	2.515	2.630	7.03	117	66.7	38.3	6.48	3.66	2.34	3.38	9.03	6.86	23
24	2.500	2.770	7.21	108	63.6	34.9	6.10	4.02	2.38	6.01	6.55	6.400	24
25	2.490	2.950	7.84	93.2	56.2	32.5	5.64	3.84	2.30	13.8	9.60	6.350	25
26	2.480	3.100	8.55	85.6	55.7	31.8	5.24	3.84	2.28	9.78	9.47	6.04	26
27	2.470	3.150	9.63	78.6	67.1	30.6	5.07	3.83	2.20	6.87	8.03	5.81	27
28	2.430	3.130	11.1	74.0	70.2	27.3	4.86	4.28	2.12	6.01	7.94	5.84	28
29	2.410		12.6	81.4	87.1	28.0	4.48	4.22	2.08	5.99	7.87	5.82	29
30	2.380		12.6	86.8	84.7	24.0	4.33	4.07	2.10	6.20	7.59	5.28	30
31	2.390		12.1		72.4		3.86	3.74		5.81		5.008	31
TOTAL	81.76	71.53	163.33	1 789.1	3 224.7	2 123.3	352.11	104.48	93.09	119.81	287.43	206.38	TOTAL
MEAN	2.64	2.55	5.27	59.6	104	70.8	11.4	3.37	3.10	3.86	9.58	6.65	MEAN
MAX	2.90	3.15	12.6	133	204	134	23.1	4.28	4.58	13.8	15.2	9.87	MAX
MIN	2.38	2.28	2.78	11.5	55.7	24.0	3.86	2.70	2.08	1.85	4.98	4.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 23.6
MAXIMUM DAILY, 204 ON MAY 11
MINIMUM DAILY, 1.85 ON OCT 3

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 02 38 N
LONG 118 26 18 W
DRAINAGE AREA, 2 060 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	7 060	JUL	30 400
FEB	6 180	AUG	9 030
MAR	14 100	SEP	8 040
APR	155 000	OCT	10 300
MAY	279 000	NOV	24 800
JUN	183 000	DEC	17 800

TOTAL DISCHARGE, 745 000 dam³

GRAVE CREEK AT THE MOUTH - STATION NO. 08NK010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2288	0.2208	0.2468	0.388	2.08	2.08	1.18	0.844	0.422	0.401	0.484	0.4088	1
2	0.2288	0.1848	0.2438	0.380	2.88	2.88	1.10	0.848	0.505	0.381	0.462	0.3888	2
3	0.2338	0.1848	0.2388	0.385	2.48	2.87	1.01	0.848	0.477	0.387	0.408	0.4008	3
4	0.2388	0.1878	0.2308	0.368	2.31	2.88	0.980	0.828	0.448	0.388	0.408	0.4148	4
5	0.2408	0.1838	0.2278	0.383	2.48	3.20	0.948	0.813	0.433	0.388	0.402	0.4188	5
6	0.2408	0.1788	0.2208	0.417	3.28	3.53	0.908	0.801	0.844	0.384	0.401	0.4128	6
7	0.2348	0.1828	0.2188	0.484	4.08	3.58	0.871	0.492	0.523	0.378	0.388	0.4038	7
8	0.2288	0.2008	0.2138	0.488	4.14	3.38	0.843	0.488	0.518	0.371	0.388	0.4088	8
9	0.2018	0.2198	0.221	0.482	4.28	3.30	0.820	0.517	0.488	0.367	0.388	0.4008	9
10	0.2028	0.2248	0.248	0.477	4.48	3.11	0.828	0.488	0.505	0.367	0.710	0.3708	10
11	0.2088	0.2278	0.244	0.580	4.08	2.73	0.827	0.475	0.487	0.367	0.788	0.3648	11
12	0.2088	0.2388	0.238	0.721	3.84	2.61	0.788	0.484	0.478	0.381	0.878	0.3488	12
13	0.2178	0.2278	0.238	0.688	3.11	2.50	0.878	0.488	0.488	0.432	0.811	0.3328	13
14	0.2238	0.2278	0.243	1.09	2.78	2.42	0.840	C.444	0.488	0.472	0.871	0.3348	14
15	0.2368	0.2288	0.242	1.42	2.70	2.22	0.878	0.458	0.458	0.408	0.818	0.3488	15
16	0.2488	0.2308	0.237	1.81	2.83	2.22	0.817	0.482	0.447	0.388	1.38	0.3808	16
17	0.278	0.2318	0.2308	1.28	2.80	1.88	0.838	0.480	0.448	0.371	0.848	0.3858	17
18	0.288	0.2308	0.2288	1.38	2.73	1.78	0.783	0.481	0.444	0.374	0.824	0.3678	18
19	0.261	0.2288	0.235	1.88	2.38	1.81	0.788	0.448	0.438	0.367	0.838	0.3308	19
20	0.280	0.2288	0.197	1.88	2.11	1.72	0.748	0.447	0.428	0.414	0.870	0.3108	20
21	0.283	0.2308	0.204	2.37	2.02	1.80	0.728	0.458	0.422	0.804	0.834	0.3848	21
22	0.283	0.2388	0.202	2.39	2.08	1.84	0.703	0.458	0.414	0.853	0.884	0.2808	22
23	0.2388	0.2388	0.204	2.08	2.38	1.47	0.883	0.438	0.418	0.488	0.4888	0.2808	23
24	0.2108	0.2438	0.210	1.84	2.17	1.48	0.858	0.487	0.404	0.481	0.4808	0.3008	24
25	0.1888	0.2428	0.248	1.70	1.88	1.87	0.837	0.438	0.402	0.487	0.4708	0.3308	25
26	0.1848	0.2408	0.287	1.82	1.88	1.47	0.821	0.486	0.388	0.455	0.4408	0.3318	26
27	0.1888	0.2488	0.333	1.81	1.78	1.36	0.808	0.492	0.395	0.448	0.4108	0.3308	27
28	0.2108	0.2808	0.360	1.48	1.88	1.28	0.888	0.488	0.388	0.431	0.4108	0.3328	28
29	0.2308		0.388	1.81	1.87	1.33	0.888	0.458	0.383	0.412	0.4088	0.3388	28
30	0.2608		0.382	1.73	1.83	1.18	0.888	0.438	0.381	0.408	0.4078	0.3378	30
31	0.2888		0.401		1.88		0.844	0.428		0.408		0.3388	31
TOTAL	7.162	6.076	7.838	34.784	81.87	66.80	24.688	14.734	13.826	12.874	16.272	10.831	TOTAL
MEAN	0.231	0.217	0.253	1.18	2.84	2.22	0.787	0.475	0.461	0.418	0.542	0.353	MEAN
MAX	0.278	0.280	0.401	2.37	4.48	3.58	1.18	0.848	0.844	0.804	1.38	0.418	MAX
MIN	0.184	0.184	0.197	0.388	1.83	1.18	0.844	0.428	0.381	0.387	0.388	0.280	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.815
MAXIMUM DAILY, 4.48 ON MAY 10
MINIMUM DAILY, 0.1848 ON FEB 3
MAXIMUM INSTANTANEOUS,
4.84 AT 23:18 MST ON MAY 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 50 36 N
LONG 114 51 38 W
DRAINAGE AREA, 83.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	618	JUL	2 130
FEB	535	AUG	1 270
MAR	677	SEP	1 170
APR	3 000	OCT	1 120
MAY	7 080	NOV	1 410
JUN	5 760	DEC	944

TOTAL DISCHARGE, 25 700 dam³

GRAYLING RIVER NEAR THE MOUTH - STATION NO. 10BE011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.108	3.038	1.888	2.488	83.0E	30.8	12.5 E	8.60E	7.40E	8.00E	4.188	3.188	1
2	3.948	1.978	2.008	2.488	68.8E	27.7	11.8 E	8.85E	7.00E	6.40E	4.488	3.078	2
3	3.748	1.938	2.008	2.478	66.0E	28.1	11.1 E	9.00E	7.80E	7.80E	4.828	3.058	3
4	3.688	1.908	1.948	2.618	73.0E	23.9	10.5 E	8.55E	8.20E	8.10E	4.848	3.088	4
5	3.388	1.888	1.808	2.588	80.0E	24.4	9.80E	8.18E	7.70E	9.06E	4.878	3.008	5
6	3.208	1.888	1.738	2.708	84.8E	23.4	11.8 E	7.60E	7.38A	7.80E	4.308	2.888	6
7	3.208	1.868	1.708	2.618	83.0E	24.3	12.0 E	8.20E	7.18E	8.00E	4.008	2.788	7
8	3.328	2.108	1.878	2.808	83.8E	22.6	14.8 E	8.00E	8.85E	8.40E	3.808	2.758	8
9	3.218	2.148	1.888	3.038	80.0E	21.8	13.7 E	10.1 E	8.97E	8.70E	3.238	2.748	9
10	3.388	2.248	1.888	3.078	78.0E	20.3	12.2 E	9.20E	8.78E	9.00E	3.188	2.858	10
11	3.408	2.388	1.888	3.108	74.3E	18.7	11.2 E	8.70E	8.73E	9.15E	3.108	2.888	11
12	3.308	2.308	1.888	3.388	70.2E	18.3	10.3 E	8.10E	8.80E	9.10E	3.008	2.848	12
13	3.138	2.108	1.878	3.808	68.0E	17.2	9.70E	7.58E	8.61E	9.00E	2.808	2.678	13
14	3.008	2.008	1.778	4.708	68.0E	17.8	9.00E	7.30E	8.88E	8.85E	2.858	2.898	14
15	2.888	1.938	1.788	5.508	81.8E	18.8	9.40E	9.20E	7.00E	7.00E	3.118	2.878	15
16	2.778	1.888	1.728	6.608	88.0E	18.7	10.1 E	13.2 E	7.38E	6.00E	3.278	2.848	16
17	2.628	1.888	1.708	7.808	88.8A	18.8	9.40E	18.9 E	7.60E	5.80E	3.808	2.838	17
18	2.538	1.888	1.718	8.888	88.8	18.4	10.2 E	18.2 E	7.40E	5.80E	3.828	2.478	18
19	2.508	1.908	1.738	10.0 B	42.4	18.8	11.1 E	13.6 E	6.85E	6.00E	3.808	2.368	19
20	2.688	2.008	1.888	11.8 B	40.3	18.2	10.2 E	11.8 E	7.58E	5.88E	3.508	2.308	20
21	2.788	2.048	1.948	14.0 B	37.8	17.8	9.05E	12.4 E	7.80E	5.80E	3.258	2.248	21
22	2.788	2.088	2.048	16.8 B	36.8	18.8A	10.8 E	13.8 E	8.05E	5.80E	3.088	2.208	22
23	2.678	2.108	2.128	16.7 B	34.3	18.8E	12.0 E	13.1 E	8.30E	5.88E	3.068	2.248	23
24	3.018	2.088	2.118	21.2 B	33.4	14.8E	13.2 E	12.1 E	8.50E	5.48E	3.048	2.338	24
25	3.088	2.068	2.068	24.0 B	31.8	13.8E	11.2 E	8.85E	8.20E	5.20E	2.868	2.388	25
26	3.078	2.038	2.078	28.0 B	33.2	12.8E	10.3 E	10.7 E	8.40E	5.00E	2.778	2.418	26
27	2.958	2.018	2.118	32.8 B	32.3	12.0E	10.2 E	9.85E	10.0 E	4.70E	2.678	2.408	27
28	2.488	1.938	2.188	37.8 B	30.3	13.4E	10.1 E	8.30E	10.8 E	4.40E	2.728	2.388	28
29	2.228		2.338	42.0 B	30.8	16.1E	9.35E	8.70E	10.0 E	4.70E	2.988	2.388	29
30	2.188		2.438	47.8 B	31.3	13.8E	8.70E	8.30E	9.85E	5.00E	3.218	2.308	30
31	2.088		2.498		33.3		8.18E	7.95E		4.80E		2.248	31
TOTAL	94.33	58.27	58.27	374.33	1 883.7	580.1	336.05	320.00	236.80	211.70	103.30	80.22	TOTAL
MEAN	3.04	2.01	1.81	12.5	84.3	18.7	10.8	10.3	7.85	6.83	3.44	2.58	MEAN
MAX	4.10	2.38	2.49	47.8	84.8	30.8	14.8	18.9	10.8	9.15	4.84	3.19	MAX
MIN	2.08	1.88	1.88	2.48	30.3	12.0	8.10	7.30	6.73	4.40	2.87	2.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.3
MAXIMUM DAILY, 84.8E ON MAY 8
MINIMUM DAILY, 1.88B ON MAR 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 32 29 N
LONG 114 04 07 W
DRAINAGE AREA, 1 780 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 150	JUL	28 000
FEB	4 880	AUG	27 800
MAR	5 120	SEP	20 300
APR	32 300	OCT	18 300
MAY	146 000	NOV	8 930
JUN	48 400	DEC	9 930

TOTAL DISCHARGE, 388 000 dam³

GRAYSTOKE LAKE AT THE OUTLET - STATION NO. 08NM230

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	18.123	---	---	---	---	---	---	1
2	---	---	---	---	---	18.138	---	---	---	---	---	---	2
3	---	---	---	---	---	18.128	---	---	---	---	---	---	3
4	---	---	---	---	---	18.122	---	---	---	2.831A	---	---	4
5	---	---	---	---	---	18.134	---	---	---	---	---	---	5
6	---	---	---	---	---	18.132	---	---	---	---	---	---	6
7	---	---	---	---	---	18.111	---	---	---	---	---	---	7
8	---	---	---	---	---	18.099	---	---	---	---	---	---	8
9	---	---	---	---	---	18.089	---	---	---	---	---	---	9
10	---	---	---	---	---	18.082	---	---	---	---	---	---	10
11	---	---	---	---	---	18.080	---	---	---	---	---	---	11
12	---	---	---	---	---	18.041	18.183A	---	---	---	---	---	12
13	---	---	---	---	17.708	18.038	---	---	---	---	---	---	13
14	---	---	---	---	17.888	18.078	---	---	---	---	---	---	14
15	---	---	---	---	18.004	18.144	---	---	---	---	---	---	15
16	---	---	---	---	18.027	18.070	---	---	---	---	---	---	16
17	---	---	---	---	18.038	18.022	---	---	---	---	---	---	17
18	---	---	---	---	18.041	17.988	---	---	---	---	---	---	18
19	---	---	---	---	18.031	17.948	---	---	---	---	---	---	19
20	---	---	---	---	18.018	17.977	---	---	---	---	---	---	20
21	---	---	---	---	18.012	17.958	---	---	---	---	---	---	21
22	---	---	---	---	18.010	17.984	---	---	---	---	---	---	22
23	---	---	---	---	18.018	17.936	---	---	---	---	---	---	23
24	---	---	---	---	18.014	17.890	---	---	---	---	---	---	24
25	---	---	---	---	18.008	17.840	---	7.147A	---	---	---	---	25
26	---	---	---	---	18.010	17.774	---	---	---	---	---	---	26
27	---	---	---	---	18.017	17.883	---	---	---	---	---	---	27
28	---	---	---	---	18.028	17.801A	---	---	---	---	---	---	28
29	---		---	---	18.038	---	---	---	---	---	---	---	29
30	---		---	---	18.058	---	---	---	---	---	---	---	30
31	---		---		18.088		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 18.144 ON JUN 15

MAXIMUM INSTANTANEOUS,
18.204 AT 02:35 PST ON JUN 15

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 59 06 N
LONG 118 52 15 W

A - MANUAL GAUGE

REGULATED

GREATA CREEK NEAR THE MOUTH - STATION NO. 08NM173

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.012	0.0108	0.0138	0.018E	0.184	0.171	0.088	0.028	0.022	0.017	0.018	0.024	1
2	0.012	0.0108	0.0138	0.017E	0.182	0.188	0.088	0.031	0.020	0.018	0.018	0.026	2
3	0.012	0.0098	0.0138	0.017E	0.188	0.131	0.087	0.030	0.027	0.017	0.033	0.026	3
4	0.013	0.0094	0.0138	0.017E	0.184	0.126	0.085	0.027	0.023	0.017	0.048	0.028	4
5	0.013	0.0088	0.0138	0.021A	0.188	0.116	0.048	0.028	0.022	0.017	0.038	0.027	5
6	0.013	0.0088	0.0138	0.028	0.184	0.103	0.048	0.028	0.021	0.018	0.030	0.028	6
7	0.013	0.0088	0.0138	0.034	0.188	0.081	0.044	0.028	0.021	0.018	0.028	0.028	7
8	0.013	0.0108	0.0138	0.032	0.182	0.083	0.042	0.028	0.018	0.017	0.027	0.028	8
9	0.013	0.0108	0.013E	0.030	0.184	0.078	0.040	0.028	0.018	0.017	0.027	0.027	9
10	0.013	0.0108	0.013E	0.032	0.188	0.088	0.088	0.023	0.019	0.018	0.026	0.032	10
11	0.012	0.0108	0.013E	0.038	0.187	0.087	0.071	0.021	0.018	0.022	0.043	0.018	11
12	0.012	0.0108	0.013E	0.040	0.181	0.082	0.053	0.021	0.018	0.019	0.034	0.027	12
13	0.012	0.0108	0.014E	0.043	0.147	0.082	0.048	0.023	0.018	0.019	0.030	0.026	13
14	0.012	0.0108	0.014E	0.043	0.132	0.088	0.049	0.028	0.018	0.019	0.029	0.026	14
15	0.012	0.0108	0.014E	0.083	0.124	0.094	0.081	0.038	0.017	0.019	0.028	0.026	15
16	0.012	0.0108	0.014A	0.048	0.118	0.087	0.088	0.040	0.018	0.017	0.027	0.023	16
17	0.012	0.0118	0.014E	0.043	0.122	0.083	0.088	0.033	0.018	0.018	0.027	0.023	17
18	0.012	0.0118	0.014E	0.045	0.144	0.084	0.082	0.029	0.018	0.019	0.026	0.021	18
19	0.013	0.0118	0.014E	0.047	0.125	0.088	0.047	0.032	0.016	0.018	0.026	0.022	19
20	0.013	0.0118	0.016E	0.052	0.119	0.085	0.042	0.030	0.018	0.019	0.028	0.024	20
21	0.013	0.0118	0.016E	0.080	0.107	0.081	0.038	0.027	0.018	0.018	0.028	0.022	21
22	0.013	0.0118	0.016A	0.044	0.102	0.081	0.038	0.026	0.018	0.019	0.021	0.023	22
23	0.013	0.0128	0.016E	0.044	0.089	0.048	0.033	0.024	C.018	0.023	0.025	0.023	23
24	0.013	0.0128	0.015E	0.046	0.122	0.048	0.030	0.023	0.018	0.023	0.027	0.023	24
25	0.013	0.0128	0.016E	0.047	0.122	0.048	0.031	0.023	0.018	0.023	0.024	0.023	25
26	0.013	0.0128	0.016E	0.052	0.117	0.044	0.032	0.025	0.018	0.027	0.027	0.023	26
27	0.012	0.0128	0.016E	0.066	0.182	0.043	0.038	0.030	0.020	0.027	0.026	0.023	27
28	0.012	0.0128	0.016E	0.076	0.283	0.042	0.034	0.027	0.017	0.022	0.026	0.023	28
29	0.012		0.016E	0.068	0.243	0.045	0.028	0.027	0.018	0.021	0.026	0.023	29
30	0.013		0.016E	0.114	0.210	0.087	0.029	0.028	0.018	0.020	0.026	0.022	30
31	0.0118		0.016E		0.191		0.028	0.024		0.019		0.023	31
TOTAL	0.388	0.283	0.441	1.331	4.908	2.192	1.437	0.842	0.580	0.618	0.848	0.738	TOTAL
MEAN	0.012	0.010	0.014	0.044	0.158	0.073	0.046	0.027	0.018	0.020	0.028	0.024	MEAN
MAX	0.013	0.012	0.016	0.114	0.283	0.171	0.071	0.040	0.020	0.033	0.048	0.027	MAX
MIN	0.011	0.008	0.013	0.018	0.089	0.042	0.028	0.021	0.016	0.016	0.018	0.018	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.040
MAXIMUM DAILY, 0.283 ON MAY 26
MINIMUM DAILY, 0.0088 ON FEB 3
MAXIMUM INSTANTANEOUS,
0.310 AT 10:15 PST ON MAY 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 47 40 N
LONG 118 51 04 W
DRAINAGE AREA, 40.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	33.4	JUL	124
FEB	26.3	AUG	72.7
MAR	38.1	SEP	46.4
APR	114	OCT	53.1
MAY	424	NOV	73.0
JUN	189	DEC	63.8

TOTAL DISCHARGE, 1 389 dam³

GREEN LAKE NEAR 70 MILE HOUSE - STATION NO. 08LF075

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	0.511E	0.452	0.427E	0.380E	0.325	0.342	1
2	---	---	---	---	---	---	0.510E	0.474	0.426E	0.389E	0.325	0.342	2
3	---	---	---	---	---	---	0.506E	0.474	0.426E	0.389A	0.340	0.343	3
4	0.505A	---	---	---	---	---	0.508E	0.472	0.425E	0.356	0.345	0.343	4
5	---	---	---	0.533A	---	---	0.504E	0.469	0.424E	0.355	0.345	0.342	5
6	---	---	---	---	---	---	0.500E	0.465	0.422E	0.352	0.350	0.342	6
7	---	---	---	---	---	---	0.498E	0.460	0.418A	0.348	0.349	0.341	7
8	---	---	---	---	---	---	0.492E	0.460	0.410	0.348	0.341	0.340	8
9	---	---	---	---	---	---	0.488E	0.457	0.405	0.345	0.340	0.340	9
10	---	---	---	---	---	---	0.486E	0.452	0.399	0.351	0.348	0.340	10
11	---	---	---	---	---	---	0.485E	0.447	0.394	0.351	0.348	0.344	11
12	---	---	---	---	---	---	0.485A	0.443	0.390A	0.351	0.348	0.345	12
13	---	---	---	---	---	---	0.487	0.443	0.389E	0.351	0.343	0.342	13
14	---	0.505A	---	---	---	---	0.489	0.438	0.388E	0.352	0.341	0.344	14
15	---	---	---	---	---	0.525A	0.492	0.441	0.388E	0.349	0.337	0.343	15
16	---	---	---	---	---	---	0.492	0.444	0.383E	0.347	0.337	0.346	16
17	---	---	---	---	---	---	0.492	0.441	0.381E	0.348	0.338	0.348	17
18	---	---	---	---	---	---	0.487	0.439	0.378E	0.348	0.341	0.347	18
19	---	---	---	---	---	---	0.484	0.443	0.376E	0.341	0.344	0.347	19
20	---	---	---	---	---	---	0.483	0.441	0.376E	0.339	0.348	0.376	20
21	---	---	---	---	---	---	0.478	0.444	0.374E	0.334	0.351	0.378	21
22	---	---	---	---	---	---	0.473	0.445	0.372E	0.330	0.348	0.377	22
23	---	---	---	---	---	---	0.471	0.444	0.371E	0.326	0.347	0.378	23
24	---	---	---	0.549A	---	---	0.488	0.443	0.370E	0.333	0.348	0.378	24
25	---	---	---	---	---	---	0.488	0.440	0.368E	0.335	0.347	0.377	25
26	---	---	---	---	---	---	0.485	0.437	0.368E	0.331	0.348	0.378	26
27	---	---	---	---	---	---	0.488	0.434	0.384E	0.332	0.342	0.383	27
28	---	---	---	---	---	---	0.484	0.431	0.363E	0.331	0.343	0.384	28
29	---		---	---	---	---	0.481	0.428	0.362E	0.328	0.340	0.389	29
30	---		---	---	---	---	0.457	0.426A	0.361E	0.326	0.340	0.392	30
31	---		---		0.544A		0.493	0.425E		0.327		0.393	31
MEAN	---	---	---	---	---	---	0.484	0.447	0.390	0.343	0.343	0.359	MEAN
MAX	---	---	---	---	---	---	0.511	0.474	0.427	0.380	0.351	0.393	MAX
MIN	---	---	---	---	---	---	0.493	0.426	0.361	0.326	0.326	0.341	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MINIMUM DAILY, 0.326 ON OCT 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 22 30 N
LONG 121 15 48 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

GROUNDHOG CREEK ABOVE BIG CREEK - STATION NO. 08MB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.859	0.583	0.234	0.093	0.418	0.148	0.218	---	1
2	---	---	---	---	1.15	0.847	0.200	0.148	0.372	0.148	0.210	---	2
3	---	---	---	---	1.84	0.807	0.177	0.263	0.389	0.148	0.230	---	3
4	---	---	---	---	1.50	0.468	0.177	0.241	0.350	0.148	0.272	---	4
5	---	---	---	---	1.24	0.483	0.161	0.213	0.328	0.161	0.311	---	5
6	---	---	---	---	1.04	0.427	0.161	0.171	0.308	0.148	---	---	6
7	---	---	---	---	0.920	0.431	0.164	0.148	0.278	0.148	---	---	7
8	---	---	---	---	0.828	0.438	0.148	0.130	0.258	0.148	---	---	8
9	---	---	---	---	0.784	0.483	0.144	0.120	0.237	0.148	---	---	9
10	---	---	---	---	0.760	0.483	0.164	0.128	0.218	0.263	---	---	10
11	---	---	---	---	0.736	0.431	0.233	0.130	0.208	0.177	---	---	11
12	---	---	---	---	0.688	0.438	0.237	0.114	0.187	0.165	---	---	12
13	---	---	---	---	0.644	0.408	0.280	0.113	0.187	0.148	0.275A	---	13
14	---	---	---	---	0.604	0.395	0.258	0.112	0.177	0.180	---	---	14
15	---	---	---	---	0.588	0.380	0.233	0.180	0.187	0.184	---	---	15
16	---	---	---	---	0.532	0.384	0.200	0.448	0.180	0.165	---	---	16
17	---	---	---	0.843A	0.512	0.374	0.171	0.559	0.210	0.167	---	---	17
18	---	---	---	---	0.522	0.282	0.148	0.515	0.230	0.161	---	---	18
19	---	---	---	0.859	0.542	0.264	0.138	0.483	0.234	0.180	---	---	19
20	---	---	---	0.888	0.547	0.249	0.130	0.468	0.223	0.161	---	---	20
21	---	---	---	0.987	0.547	0.253	0.128	0.515	0.210	0.184	---	---	21
22	---	---	---	0.718	0.552	0.256	0.126	0.515	0.200	0.171	---	---	22
23	---	---	---	0.592	0.547	0.245	0.126	0.472	0.187	0.171	---	---	23
24	---	---	---	0.547	0.569	0.230	0.122	0.438	0.177	0.311	---	---	24
25	---	---	---	0.537	0.598	0.230	0.117	0.388	0.184	0.333	---	---	25
26	---	---	---	0.581	0.586	0.223	0.126	0.388	0.181	0.315	---	---	26
27	---	---	---	0.618	0.827	0.223	0.121	0.348	0.168	0.276	---	---	27
28	---	---	---	0.674	0.867	0.223	0.088	0.342	0.184	0.263	---	---	28
29	---		---	0.781	0.861	0.393	0.094	0.388	0.188	0.253	---	---	29
30	---		---	0.820	0.832	0.241	0.088	0.372	0.148	0.234	---	---	30
31	---		---		0.892		0.088	0.400		0.213		---	31
TOTAL	---	---	---	---	33.174	10.734	4.824	9.243	5.851	5.884	---	---	TOTAL
MEAN	---	---	---	---	0.748	0.358	0.188	0.298	0.228	0.180	---	---	MEAN
MAX	---	---	---	---	1.84	0.883	0.280	0.559	0.418	0.333	---	---	MAX
MIN	---	---	---	---	0.512	0.223	0.088	0.093	0.148	0.148	---	---	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.84 ON MAY 3

MAXIMUM INSTANTANEOUS,
1.92 AT 08:32 PST ON APR 21

DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 31 20 N
LONG 123 07 40 W
DRAINAGE AREA, 248 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	426
FEB	---	AUG	799
MAR	---	SEP	583
APR	---	OCT	908
MAY	2 000	NOV	---
JUN	927	DEC	---

QUICHON CREEK ABOVE TUNKWA LAKE DIVERSION - STATION NO. 08LG068

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0228	0.0188	0.0188	0.0328	0.182	0.487	0.113	0.032	0.088	0.044	0.041	0.0328	1
2	0.0208	0.0088	0.0168	0.0328	0.285	0.434	0.100	0.114	0.084	0.042	0.043	0.0368	2
3	0.0218	0.0068	0.0178	0.0318	0.372	0.378	0.080	0.128	0.078	0.040	0.080	0.0408	3
4	0.0218	0.0068	0.0188	0.0308	0.382	0.337	0.081	0.068	0.071	0.040	0.078	0.0378	4
5	0.0188	0.0068	0.0208	0.0318	0.484	0.284	0.078	0.084	0.081	0.042	0.078	0.0348	5
6	0.0188	0.0088	0.0218	0.0348	0.592	0.268	0.076	0.067	0.072	0.040	0.067	0.0328	6
7	0.0178	0.0078	0.0228	0.0368	0.528	0.248	0.068	0.061	0.067	0.041	0.062	0.0308	7
8	0.0188	0.0078	0.0238	0.0368	0.540	0.218	0.067	0.058	0.061	0.040	0.057	0.0288	8
9	0.0188	0.0078	0.0288	0.0378	0.582	0.207	0.068	0.055	0.057	0.038	0.054	0.0238	9
10	0.0178	0.0078	0.0278	0.0388	0.574	0.193	0.061	0.054	0.052	0.048	0.067	0.0208	10
11	0.0188	0.0088	0.0288	0.038A	0.520	0.178	0.073	0.031	0.050	0.084	0.072	0.0208	11
12	0.0188	0.0088	0.0308	0.048	0.448	0.188	0.071	0.028	0.048	0.048	0.058	0.0218	12
13	0.0208	0.0108	0.0288	0.088	0.378	0.181	0.062	0.031	0.048	0.052A	0.048	0.0348	13
14	0.0188	0.0108	0.0288	0.084	0.344	0.142	0.070	0.033	0.048	0.050E	0.048	0.0338	14
15	0.0178	0.0088	0.0278	0.084	0.311	0.135	0.118	0.048	0.048	0.048A	0.042	0.0248	15
16	0.0188	0.0108	0.0288	0.118	0.288	0.140	0.088	0.148	0.048	0.043A	0.0418	0.0238	16
17	0.0208	0.0118	0.0288	0.089	0.288	0.138	0.070	0.148	0.072	0.043	0.0408	0.0248	17
18	0.0228	0.0128	0.0268	0.114	0.287	0.128	0.081	0.124	0.068	0.044	0.0428	0.0188	18
19	0.0208	0.0148	0.0278	0.184	0.242	0.117	0.058	0.143	0.073	0.044	0.0488	0.0178	19
20	0.0198	0.0168	0.0288	0.218	0.231	0.118	0.048	0.138	0.081	0.042	0.0488	0.0148	20
21	0.0188	0.0188	0.0318	0.170	0.214	0.107	0.043	0.118	0.088	0.042	0.0408	0.0108	21
22	0.0178	0.0208	0.0338	0.133	0.300	0.121	0.048	0.113	0.063	0.042	0.0388	0.0108	22
23	0.0188	0.0218	0.0318	0.114	0.188	0.123	0.048	0.114	0.080	0.044	0.0348	0.0108	23
24	0.0188	0.0208	0.0328	0.101	0.267	0.102	0.043	0.101	0.048	0.101	0.0338	0.0118	24
25	0.0178	0.0208	0.0338	0.102	0.388	0.088	0.041	0.091	0.048	0.087	0.0328	0.0118	25
26	0.0188	0.0188	0.0338	0.118	0.384	0.083	0.040	0.101	0.048	0.078	0.0328	0.0128	26
27	0.0208	0.0188	0.0348	0.114	0.488	0.170	0.040	0.102	0.048	0.048	0.0328	0.0128	27
28	0.0238	0.0178	0.0368	0.118	0.662	0.148	0.038	0.092	0.047	0.086	0.0318	0.0128	28
29	0.0208		0.0348	0.138	0.493	0.128	0.038	0.087	0.048	0.048	0.0318	0.0138	29
30	0.0228		0.0338	0.182	0.488	0.126	0.038	0.080	0.048	0.048	0.0308	0.0138	30
31	0.0268		0.0338		0.520		0.034	0.081		0.048		0.0138	31
TOTAL	0.606	0.341	0.842	3.823	12.081	5.666	1.966	2.823	1.788	1.881	1.421	0.648	TOTAL
MEAN	0.020	0.012	0.027	0.087	0.380	0.190	0.063	0.081	0.080	0.060	0.047	0.021	MEAN
MAX	0.033	0.021	0.035	0.218	0.828	0.487	0.118	0.148	0.081	0.101	0.078	0.040	MAX
MIN	0.018	0.008	0.018	0.030	0.182	0.083	0.034	0.028	0.048	0.038	0.030	0.010	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.088
MAXIMUM DAILY, 0.828 ON MAY 7
MINIMUM DAILY, 0.0068 ON FEB 3
MAXIMUM INSTANTANEOUS,
0.877 AT 04:30 PST ON MAY 7

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 30 N
LONG 120 54 28 W
DRAINAGE AREA, 74.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	52.3	JUL	169
FEB	28.5	AUG	218
MAR	72.7	SEP	154
APR	327	OCT	134
MAY	1 040	NOV	123
JUN	481	DEC	55.8

TOTAL DISCHARGE, 2 770 dam³

QUICHON CREEK AT OUTLET OF NAMIT LAKE - STATION NO. 08LG041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.037E	0.030E	0.020E	0.028E	0.488	0.381	0.377	0.780	0.283	0	0.108	0.027	1
2	0.039E	0.023E	0.020E	0.027E	0.518	0.322	0.372	0.785	0.280	0	0.084	0.038	2
3	0.042E	0.014E	0.021E	0.028E	0.542	0.278	0.367	0.712	0.272	0.088	0.087	0.038	3
4	0.042A	0.014E	0.021E	0.029E	0.543	0.261	0.370	0.686	0.268	0.203	0.038	0.038	4
5	0.042E	0.014E	0.021E	0.032E	0.533	0.242	0.357	0.632	0.262	0.180	0.092	0.040	5
6	0.040E	0.018E	0.022E	0.034E	0.518	0.208	0.348	0.588	0.263	0.083	0.084	0.041	6
7	0.038E	0.017E	0.023E	0.033A	0.518	0.188	0.885	0.584	0.248	0.091	0.034	0.080	7
8	0.031E	0.020E	0.024E	0.033E	0.514	0.183	0.840	0.540	0.244	0.088	0.035	0.082	8
9	0.034E	0.020E	0.025E	0.023E	0.483	0.288	0.821	0.514	0.237	0.088	0.034	0.070	9
10	0.038E	0.020E	0.026E	0.033A	0.483	0.431	0.807	0.488	0.231	0.091	0.034	0.071	10
11	0.040E	0.023E	0.027E	0.173	0.468	0.428	0.818	0.468	0.227	0.088	0.034	0.070	11
12	0.044E	0.023E	0.031E	0.220	0.488	0.261	1.13	0.442	0.222	0.088	0.034	0.068	12
13	0.044E	0.024E	0.027E	0.282	0.478	0.288	1.74	0.422	0.218	0.080	0.034	0.067	13
14	0.040E	0.026E	0.024E	0.272	0.481	0.283	1.88	0.418	0.213	0.048	0.034	0.068	14
15	0.037E	0.026E	0.024E	0.267	0.484	0.288	1.83	0.419	0.143	0.028	0.038	0.068	15
16	0.042E	0.030E	0.023E	0.288	0.448	0.288	1.80	0.428	0.027	0.022	0.038	0.066	16
17	0.048E	0.032E	0.023E	0.288	0.444	0.278	1.67	0.430	0.026	0.018	0.038	0.066	17
18	0.048E	0.034E	0.023E	0.278	0.448	0.262	1.82	0.428	0.026	0.013	0.038	0.068	18
19	0.048E	0.036E	0.023E	0.304	0.431	0.338	1.48	0.428	0.024	0.008	0.038	0.068	19
20	0.042E	0.040E	0.026E	0.308	0.430	0.408	1.40	0.428	0.240	0.003	0.036	0.066	20
21	0.040E	0.042E	0.026E	0.302	0.422	0.402	1.33	0.419	0.105	0.003	0.035	0.066	21
22	0.038E	0.044E	0.026E	0.182	0.433	0.390	1.28	0.418	0.001	0.001	0.038	0.070	22
23	0.037E	0.044E	0.032E	0.072	0.437	0.383	1.21	0.413	0	0.001	0.038	0.068	23
24	0.037E	0.044E	0.031E	0.070	0.466	0.378	1.18	0.411	0	0.001	0.038	0.070	24
25	0.037E	0.040E	0.030E	0.068	0.484	0.378	1.10	0.412	0	0	0.037	0.071	25
26	0.037E	0.040E	0.028E	0.088	0.473	0.373	1.08	0.412	0	0	0.037	0.071	26
27	0.042E	0.040E	0.026E	0.248	0.548	0.388	1.02	0.408	0	0.044	0.036	0.071	27
28	0.048E	0.034E	0.026E	0.278	0.629	0.384	0.988	0.404	0	0.120	0.038	0.074	28
29	0.052E		0.030E	0.400	0.688	0.381	0.911	0.388	0	0.131	0.038	0.073	29
30	0.058E		0.030E	0.432	0.874	0.383	0.882	0.388	0	0.131	0.038	0.072	30
31	0.042E		0.029E		0.388		0.814	0.388		0.131		0.071	31
TOTAL	1.372	0.810	0.783	5.281	15.198	9.784	31.484	15.033	5.448	1.728	1.288	1.888	TOTAL
MEAN	0.041	0.028	0.026	0.178	0.490	0.326	1.02	0.485	0.182	0.058	0.042	0.061	MEAN
MAX	0.058	0.044	0.032	0.432	0.888	0.431	1.74	0.780	0.283	0.203	0.108	0.074	MAX
MIN	0.031	0.014	0.020	0.027	0.388	0.183	0.367	0.388	0	0	0.034	0.027	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.348
MAXIMUM DAILY, 1.74 ON JUL 13
MINIMUM DAILY, 0 ON SEP 23
MAXIMUM INSTANTANEOUS,
3.03 AT 15:25 PST ON JUL 13

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 31 45 N
LONG 120 48 32 W
DRAINAGE AREA, 842 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	110	JUL	3 730
FEB	70.0	AUG	1 300
MAR	88.5	SEP	471
APR	484	OCT	148
MAY	1 310	NOV	110
JUN	844	DEC	183

TOTAL DISCHARGE, 7 770 dam³

QUICHON CREEK AT THE MOUTH - STATION NO. 08LC057

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0308	0.0208	0.0478	0.0868	0.027	0.088	0.043	0.223	0.127	0.031	0.045	0.0278	1
2	0.0318	0.0188	0.0408	0.0628	0.030	0.088	0.043	0.324	0.128	0.033	0.045	0.0328	2
3	0.0328	0.0188	0.0408	0.0628	0.045	0.089	0.043	0.288	0.187	0.033	0.046	0.0418	3
4	0.0328	0.0178	0.0448	0.088	0.039	0.081	0.042	0.281	0.137	0.034	0.043	0.0418	4
5	0.0318	0.0178	0.0548	0.083	0.039	0.086	0.042	0.222	0.180	0.037	0.042	0.0408	5
6	0.0298	0.0188	0.0848	0.085	0.049	0.048	0.051	0.200	0.274	0.080	0.038	0.0388	6
7	0.0278	0.0188	0.0788	0.083	0.039	0.042	0.089	0.188	0.288	0.088	0.040	0.0378	7
8	0.0268	0.0198	0.0458	0.0858	0.040	0.044	0.084	0.178	0.288	0.088	0.040	0.0368	8
9	0.0268	0.0208	0.0328	0.088	0.084	0.040	0.084	0.171	0.300	0.088	0.038	0.0348	9
10	0.0288	0.0218	0.0578	0.088	0.083	0.040	0.089	0.148	0.288	0.084	0.038	0.0338	10
11	0.0318	0.0228	0.0888	0.083	0.082	0.083	0.088	0.187	0.287	0.073	0.038	0.0328	11
12	0.0338	0.0248	0.0868	0.048	0.272	0.080	0.080	0.112	0.300	0.080	0.040	0.0338	12
13	0.0328	0.0388	0.1408	0.088	0.135	0.048	0.238	0.104	0.280	0.088	0.037	0.0388	13
14	0.0328	0.0288	0.1808	0.107	0.070	0.043	0.338	0.085	0.285	0.088	0.037	0.0388	14
15	0.0308	0.0288	0.2618	0.104	0.087	0.038	0.438	0.103	0.288	0.088	0.037	0.0378	15
16	0.0338	0.0298	0.2108	0.107	0.048	0.040	0.382	0.128	0.223	0.048	0.0308	0.0378	16
17	0.0388	0.0318	0.1508	0.107	0.048	0.040	0.344	0.180	0.138	0.043	0.0318	0.0378	17
18	0.0368	0.0338	0.1408	0.104	0.048	0.040	0.848	0.145	0.107	0.037	0.0328	0.0368	18
19	0.0368	0.0348	0.1258	0.104	0.044	0.039	0.488	0.114	0.091	0.037	0.0338	0.0328	19
20	0.0348	0.0368	0.1088	0.087	0.043	0.040	0.488	0.088	0.107	0.038	0.0368	0.0278	20
21	0.0308	0.0388	0.1128	0.085	0.042	0.042	0.488	0.088	0.080	0.038	0.0338	0.0218	21
22	0.0278	0.0438	0.1208	0.073	0.043	0.043	0.522	0.074	0.081	0.037	0.0318	0.0218	22
23	0.0258	0.0488	0.1188	0.058	0.042	0.040	0.487	0.071	0.083	0.038	0.0288	0.0218	23
24	0.0268	0.0488	0.1088	0.057	0.086	0.040	0.438	0.070	0.083	0.048	0.0278	0.0218	24
25	0.0288	0.0488	0.0988	0.043	0.086	0.048	0.304	0.089	0.048	0.048	0.0288	0.0228	25
26	0.0288	0.0488	0.0888	0.038	0.088	0.040	0.526	0.088	0.042	0.048	0.0248	0.0238	26
27	0.0288	0.0488	0.0788	0.027	0.085	0.040	0.394	0.127	0.038	0.048	0.0228	0.0288	27
28	0.0278	0.0508	0.0708	0.028	0.139	0.040	0.313	0.128	0.040	0.048	0.0228	0.0288	28
29	0.0278		0.0748	0.028	0.144	0.042	0.277	0.121	0.037	0.048	0.0228	0.0308	29
30	0.0278		0.0728	0.027	0.148	0.042	0.243	0.121	0.034	0.048	0.0228	0.0328	30
31	0.0508		0.0688		0.104		0.238	0.124		0.048		0.0348	31
TOTAL	0.946	0.636	3.152	1.948	2.208	1.388	7.854	4.497	4.703	1.472	1.028	0.980	TOTAL
MEAN	0.030	0.030	0.102	0.065	0.071	0.046	0.253	0.145	0.157	0.047	0.034	0.032	MEAN
MAX	0.050	0.050	0.261	0.107	0.272	0.088	0.848	0.324	0.300	0.084	0.046	0.041	MAX
MIN	0.025	0.018	0.040	0.027	0.027	0.039	0.042	0.088	0.034	0.031	0.022	0.021	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.085
MAXIMUM DAILY, 0.848 ON JUL 18
MINIMUM DAILY, 0.0188 ON FEB 2

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 08 49 N
LONG 130 52 47 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	81.6	JUL	678
FEB	72.1	AUG	388
MAR	272	SEP	406
APR	168	OCT	127
MAY	191	NOV	88.9
JUN	119	DEC	84.7

TOTAL DISCHARGE, 2 880 dam³

HALFWAY RIVER ABOVE GRAHAM RIVER - STATION NO. 07FA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.688	3.908	4.188	5.828	87.8	121	86.7	82.8	86.8	80.1	12.4 B	10.8 B	1
2	6.958	4.008	4.308	5.948	88.1	125	86.3	80.8	70.8	48.8	12.3 B	10.7 B	2
3	7.008	4.188	4.228	6.008	88.5	122	88.7	48.4	87.0	44.2	12.2 B	10.6 B	3
4	6.808	4.268	4.308	6.008	72.3	118	108	46.0	82.7	44.3	11.4 B	10.4 B	4
5	6.108	4.358	4.408	5.938	74.0	118	113	46.8	80.2	48.4	10.7 B	10.2 B	5
6	5.608	4.428	4.808	5.748	80.1	128	108	42.3	88.1	48.3	9.408	10.1 B	6
7	5.038	4.488	4.838	5.608	88.0	118	118	41.4	84.1	46.3	8.858	9.848	7
8	5.008	4.508	4.488	5.868	88.3	113	138	41.4	82.8	43.7	8.608	9.588	8
9	5.138	4.558	4.488	5.788	88.8	111	141	43.8	81.3	42.8	7.788	9.268	9
10	5.258	4.585	4.478	5.848	101	110	131	88.4	48.1	40.8	7.008	9.088	10
11	5.378	4.608	4.678	5.858	123	102	117	75.8	45.8	40.4	8.188	8.908	11
12	5.238	4.618	4.838	5.828	131	88.8	108	102	48.8	40.2	8.428	8.888	12
13	5.068	4.588	4.758	5.888	108	88.5	94.8	88.8	43.7	38.8	8.808	9.308	13
14	5.008	4.488	4.838	5.768	94.8	84.8	88.5	88.7	41.8	33.3	8.008	9.408	14
15	4.988	4.388	4.888	5.808	88.7	89.2	81.8	83.8	40.8	30.7	8.808	9.428	15
16	4.978	4.338	4.708	6.408	88.8	88.8	77.8	88.8	42.1	27.1	7.388	9.308	16
17	5.008	4.378	4.688	7.108	80.8	74.8	71.4	82.8	41.4	25.8	8.408	9.008	17
18	5.018	4.428	4.708	8.808	80.8	70.4	70.8	84.7	34.7	26.8	10.8 B	8.748	18
19	5.028	4.508	4.808	11.8 B	81.8	67.8	73.2	88.8	32.7	28.7	11.3 B	8.428	19
20	5.018	4.588	4.808	14.0 B	78.8	88.8	87.8	87.2	31.7	28.2	11.2 B	8.388	20
21	4.908	4.888	5.048	18.8 B	88.8	84.8	88.4	87.8	33.7	25.8	11.1 B	8.428	21
22	4.708	4.788	5.228	22.8 B	81.8	81.8	88.3	100	38.8	26.8	10.8 B	8.508	22
23	4.378	4.708	5.288	28.8 B	82.1	83.1	81.1	122	37.4	28.8	10.4 B	8.708	23
24	4.338	4.588	5.248	32.8	81.1	82.2	87.3	117	37.8	33.8	9.868	8.888	24
25	4.348	4.838	5.188	36.8	78.8	81.8	84.1	110	38.8	22.8	9.788	9.008	25
26	4.388	4.888	5.158	36.8	77.1	83.8	81.8	104	34.2	23.2	9.808	8.928	26
27	4.368	4.488	5.348	37.8	88.8	117	80.7	87.4	31.8	21.8	8.888	8.708	27
28	4.258	4.378	5.348	41.4	88.8	118	83.1	83.4	28.4	14.7	10.3 B	8.488	28
29	4.088		5.488	48.8	78.3	118	48.8	87.2	32.8	13.88	10.8 B	8.388	29
30	3.878		5.808	88.8	84.8	100	48.1	77.8	48.8	13.08	10.7 B	8.228	30
31	3.888		5.708		105		80.4	72.7		12.88		8.108	31
TOTAL	167.32	124.81	149.88	491.72	2 881.8	2 852.8	2 888.3	2 448.8	1 344.4	888.8	282.83	284.88	TOTAL
MEAN	5.07	4.48	4.83	16.4	88.8	88.1	83.8	78.9	44.8	31.8	9.42	9.18	MEAN
MAX	7.00	4.75	5.70	88.8	123	125	141	122	70.8	80.1	12.4	10.8	MAX
MIN	3.88	3.80	4.18	5.80	87.8	81.8	48.1	40.8	28.4	12.8	8.43	8.10	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 38.8
MAXIMUM DAILY, 141 ON JUL 8
MINIMUM DAILY, 3.688 ON JAN 31
MAXIMUM INSTANTANEOUS,
148 AT 23:21 PST ON JUL 8

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 30 30 N
LONG 122 14 26 W
DRAINAGE AREA, 3 780 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 800	JUL	225 000
FEB	10 800	AUG	211 000
MAR	12 800	SEP	116 000
APR	42 800	OCT	88 300
MAY	232 000	NOV	24 400
JUN	248 000	DEC	24 800

TOTAL DISCHARGE, 1 240 000 dam³

HALFWAY RIVER NEAR FARRELL CREEK - STATION NO. 07FA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.4 B	8.008	8.438	12.38	131E	281	186	83.8	88.0	80.1	27.78	21.48	1
2	17.0 B	8.258	8.408	12.38	143E	308	184	81.8	81.2	88.7	28.88	21.88	2
3	16.7 B	8.608	8.808	12.48	167E	284	184	80.8	87.1	87.8	28.08	21.48	3
4	16.1 B	8.758	8.808	12.48	170E	270	184	78.1	83.8	86.7	25.18	21.18	4
5	16.2 B	8.978	9.108	12.38	162E	265	208	74.2	78.2	83.1	24.78	20.88	5
6	13.3 B	9.108	9.208	12.18	194E	288	188	70.8	76.4	83.4	23.88	20.28	6
7	12.2 B	9.208	9.158	12.08	202E	281	203	68.2	73.1	83.0	22.78	19.88	7
8	12.1 B	9.258	9.108	12.18	207A	258	252	68.6	68.8	80.2	21.48	19.48	8
9	12.5 B	9.208	9.078	12.28	214	251	277	65.3	66.4	87.0	20.18	19.08	9
10	12.7 B	9.358	9.208	12.38	230	239	267	78.0	63.4	84.4	18.38	18.88	10
11	12.8 B	9.408	9.308	12.58	270	223	231	118	60.4	83.1	18.78	18.48	11
12	13.0 B	9.258	9.608	12.48	288	212	208	140	67.3	81.8	18.18	18.28	12
13	12.3 B	9.108	9.908	12.38	281	208	181	130	64.3	81.3	12.08	18.18	13
14	11.8 B	8.858	10.0 B	12.28	231	186	182	118	61.8	81.1	13.78	18.38	14
15	12.1 B	8.808	9.908	12.88	211	180	147	138	60.2	48.8	18.08	18.98	15
16	12.2 B	8.758	9.408	13.38	206	178	137	138	80.0	48.0	18.28	19.08	16
17	12.1 B	8.808	9.308	15.08	210	167	127	140	49.2	38.4	20.78	18.88	17
18	12.2 B	9.008	9.858	16.08	202	140	120	134	47.1	32.8	22.08	18.78	18
19	12.3 B	9.208	10.1 B	21.88	187	127	118	138	45.1	32.4	22.28	18.28	19
20	12.2 B	9.408	10.4 B	26.08	177	128	114	130	44.0	33.1	21.88	17.38	20
21	12.1 B	9.608	10.7 B	38.88	188	120	118	124	43.3	34.2	21.08	18.78	21
22	11.2 B	9.708	10.9 B	80.08	212	110	107	132	42.7	33.8	20.38	18.58	22
23	8.808	9.808	11.3 B	84.88	205	108	97.2	172	42.8	33.8	19.78	18.88	23
24	8.358	9.448	11.2 B	88.08	210	107	83.8	178	42.8	33.8	19.38	17.08	24
25	8.308	9.408	11.1 B	84.88	200	108	88.8	184	41.7	33.8	19.08	17.88	25
26	8.408	8.278	11.2 B	70.08	187	112	85.8	182	40.0	33.1	18.38	18.08	26
27	8.308	8.108	11.3 B	78.08	223	188	84.8	142	38.1	32.8	18.88	17.88	27
28	8.808	8.908	11.4 B	84.88	238	223	84.2	128	38.8	32.8	18.88	17.18	28
29	8.008		11.8 B	88.08	208	208	81.1	118	38.7	31.48	20.48	16.88	29
30	7.808		11.8 B	120 E	204	178	80.1	110	43.3	30.38	20.88	18.08	30
31	7.838		12.0 B		237		83.8	103		29.38		18.88	31
TOTAL	389.88	284.43	311.08	883.1	5 374	5 884	4 823.2	3 882.1	1 702.8	1 410.2	613.7	572.2	TOTAL
MEAN	11.8	8.08	10.0	33.1	208	188	148	118	58.8	48.8	20.8	18.8	MEAN
MAX	17.0	9.70	12.0	120	270	308	277	178	88.0	88.7	27.7	21.8	MAX
MIN	7.80	8.00	8.40	12.0	131	107	80.1	88.3	38.8	38.3	12.0	18.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 73.3
MAXIMUM DAILY, 306 ON JUN 2
MINIMUM DAILY, 7.808 ON JAN 30
MAXIMUM INSTANTANEOUS,
314 AT 23:38 PST ON MAY 11

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 18 04 N
LONG 121 37 38 W
DRAINAGE AREA, 8 350 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	31 900	JUL	359 000
FEB	22 000	AUG	308 000
MAR	28 800	SEP	147 000
APR	85 800	OCT	122 000
MAY	551 000	NOV	53 000
JUN	514 000	DEC	49 400

TOTAL DISCHARGE, 2 310 000 dam³

HARPER CREEK NEAR THE MOUTH - STATION NO. 08LB078

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.780B	0.610B	0.813	0.722	11.8	24.3	5.88	1.98	4.42	1.08	1.83E	1.80E	1
2	0.780B	0.530B	0.890B	0.738	12.7	26.0	7.63	2.46	3.13	1.01	1.90E	1.82E	2
3	0.810B	0.440B	0.881	0.740	12.4	24.2	8.68	7.77	2.85	1.02	2.30E	1.83E	3
4	0.820B	0.408B	0.872	0.734	13.0	23.8	5.85	4.84	2.15	0.981	2.41E	1.82E	4
5	0.818B	0.420B	0.862	0.788	17.0	24.8 E	4.84	3.89	2.78	0.884	2.40E	1.84E	5
6	0.800B	0.440B	0.848	0.788	18.7	25.3	3.90	2.98	2.71	0.881	2.35E	1.87E	6
7	0.780B	0.480B	0.836	0.820	20.3	19.8	2.78	2.74	2.53	0.830	2.28E	1.88E	7
8	0.770B	0.520B	0.848	0.823	21.3	17.8	3.10	2.63	2.30	0.838	2.14A	1.87E	8
9	0.760B	0.520B	0.874	0.847	22.8	16.8	2.81	2.42	2.14	0.820	2.78A	1.82E	9
10	0.760B	0.548B	0.817	0.882	24.2	15.8	2.73	1.98	1.88	1.81	3.10E	1.88E	10
11	0.768B	0.580B	0.845	1.08	18.0	15.3	2.82	1.78	1.88	1.44	3.80E	1.81B	11
12	0.770B	0.580B	0.880	1.31	13.8	15.7	3.45	1.85	1.83	1.39	3.81E	1.44B	12
13	0.760B	0.570B	0.858	1.74	11.2	18.1	2.23	1.85	1.71	1.31	3.80E	1.42B	13
14	0.778	0.580B	0.858	2.38	10.8	17.0	2.84	1.78	1.84	1.27	3.60E	1.40B	14
15	0.738	0.588B	0.828	3.28	11.3	12.8	7.78	2.78	1.81	1.08	3.38E	1.38B	15
16	0.722	0.620B	0.881	3.81	13.1	10.3	5.31	5.41	1.78	1.84	3.18E	1.38B	16
17	0.744	0.630B	0.838	3.62	13.7	9.80	4.20	4.08	1.88	1.83	3.03E	1.34B	17
18	0.734	0.858	0.827	3.71	12.3	9.18	3.74	3.82	1.74	1.82	2.88E	1.30B	18
19	0.883	0.672	0.824	4.48	11.2	8.43	3.38	3.37	1.70	1.88	2.81E	1.27B	19
20	0.877	0.882	0.832	5.80	10.1	7.78	3.02	3.08	1.82	1.22	2.84E	1.18B	20
21	0.882	0.851	0.822	7.38	9.42	7.04	2.78	4.48	1.82	1.82	2.77E	1.20B	21
22	0.853	0.852	0.818	7.07	9.17	7.26	2.82	4.84	1.48	1.87	2.70E	1.23B	22
23	0.8208	0.831	0.806	6.88	8.88	7.78	1.72	4.48	1.38	2.88	2.80E	1.23B	23
24	0.8008	0.800	0.821	6.81	8.78	7.85	1.87	2.82	1.33	8.38	2.81E	1.22B	24
25	0.8808	0.881	0.832	8.78	9.48	8.12	1.82	3.88	1.28	3.87	2.43E	1.21B	25
26	0.8908	0.881	0.887	8.85	8.38	8.47	1.38	3.88	1.28	3.21 E	2.30E	1.20B	26
27	0.8208	0.883	0.881	7.10	8.77	7.82	1.38	3.88	1.28	2.88 E	2.20E	1.18B	27
28	0.8408	0.877	0.881	7.88	10.2	8.48	1.28	3.18	1.21	2.48 E	2.11E	1.18B	28
29	0.8508		0.708	8.88	10.7	7.02	1.24	3.02	1.18	2.20 E	2.00E	1.17B	29
30	0.8808		0.702	10.2	10.2	9.28	1.14	2.82	1.13	2.08 E	1.83E	1.17B	30
31	0.7608		0.711		17.8		1.01	4.83		1.82 E		1.18B	31
TOTAL	22.388	15.871	19.388	113.748	418.78	418.07	102.72	103.84	57.82	51.882	80.38	45.38	TOTAL
MEAN	0.721	0.567	0.626	3.79	13.4	13.8	3.31	3.38	1.93	1.68	2.68	1.46	MEAN
MAX	0.820	0.672	0.711	10.2	24.2	26.3	8.68	7.77	4.42	8.38	3.81	1.83	MAX
MIN	0.680	0.408	0.848	0.722	8.17	8.48	1.01	1.08	1.13	0.838	1.83	1.18	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.88
MAXIMUM DAILY, 26.3 ON JUN 6
MINIMUM DAILY, 0.4088 ON FEB 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 81 31 15 N
LONG 118 53 80 W
DRAINAGE AREA, 188 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 830	JUL	8 880
FEB	1 370	AUG	8 870
MAR	1 870	SEP	8 000
APR	8 830	OCT	4 480
MAY	25 800	NOV	8 840
JUN	25 000	DEC	3 020

TOTAL DISCHARGE, 135 000 dam³

HARRISON LAKE NEAR HARRISON HOT SPRINGS - STATION NO. 08MG012

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.875	9.054A	8.557A	8.780	9.881	9.889	10.273	9.852	9.834	9.108	9.369	9.375	1
2	8.884	8.857A	8.550A	8.787	9.781	10.045	10.235	9.891	9.803	9.108	9.311	9.334	2
3	8.874	8.872A	8.523	8.808	9.828	10.253	10.198	9.947	9.581	9.078	9.288	9.451	3
4	8.873	8.813A	8.513	8.815	9.883	10.438	10.182	9.968	9.572	9.068	9.300	9.803	4
5	8.884	8.804	8.510	8.835	9.848	10.802	10.127	9.872	9.559	9.039	9.303	9.983	5
6	8.971	8.778	8.521	8.873	10.028	10.785	10.084	9.882	9.531	9.008	9.287	9.884	6
7	8.950	8.785	8.539	8.948	10.134	10.888	10.040	9.868	9.510	8.977	9.338	9.864	7
8	8.921	8.802	8.544	9.009	10.238	10.872	9.989	9.955	9.494	8.855	9.380	9.838	8
9	8.885	8.781	8.559	9.022	10.314	11.020	9.952	9.955	9.476	8.836	9.549	9.884	9
10	8.879	8.768	8.610	9.022	10.380	11.028	9.934	9.842	9.466	8.801	10.189	9.852	10
11	8.855	8.748	8.678	9.028	10.407	11.011	9.920	9.824	9.428	8.838	10.409	9.782	11
12	8.832	8.723	8.765	9.038	10.390	11.012	9.914	9.878	9.406	9.028	10.428	9.711	12
13	8.828	8.707	8.788	9.080	10.348	11.034	9.932	9.828	9.384	9.088	10.387	9.639	13
14	8.834	8.688	8.818	9.108	10.287	11.087	9.959	9.781	9.389	9.102	10.274	9.570	14
15	8.825	8.676	8.828	9.186	10.247	11.148	10.001	9.748	9.362	9.099	10.171	9.515	15
16	8.848	8.658E	8.847	9.238	10.214	11.127	10.038	9.728	9.340	9.073	10.069	9.469	16
17	8.942	8.639E	8.839	9.278	10.206	11.066	10.081	9.710	9.344	9.038	9.941	9.387	17
18	8.985	8.618A	8.825	9.303	10.189	10.991	10.061	9.684	9.323	9.022	9.840	9.337	18
19	9.005	8.598	8.806	9.341	10.148	10.906	10.046	9.674	9.281	9.047	9.778	9.277	19
20	8.988	8.583	8.784	9.398	10.085	10.808	10.027	9.669	9.258	9.085	9.810	9.234	20
21	8.981	8.587	8.775	9.471	10.020	10.678	10.004	9.732	9.228	9.182	9.883	9.184	21
22	8.983	8.580	8.773	9.504	9.954	10.561	9.987	9.803	9.185	9.270	9.844	9.154	22
23	8.964	8.616	8.769	9.514	9.887	10.453	9.955	9.838	9.152	9.382	9.782	9.113	23
24	8.934	8.629	8.757	9.518	9.851	10.380	9.916	9.838	9.130	9.518	9.755	9.076	24
25	8.906	8.631	8.745	9.515	9.802	10.377	9.888	9.817	9.109	9.556	9.728	9.038	25
26	8.881	8.622	8.761	9.509	9.752	10.388	9.858	9.800	9.108	9.580	9.688	9.003	26
27	8.869	8.611	8.750	9.518	9.733	10.442	9.842	9.762	9.106	9.580	9.612	8.968	27
28	8.831	8.618A	8.778	9.538	9.718	10.440	9.843	9.727	9.105	9.580	9.547	8.942	28
29	8.808		8.786	9.578	9.717	10.393	9.841	9.706	9.082	9.520	9.488	8.912	29
30	8.821		8.788	9.628	9.721	10.327	9.834	9.684	9.064	9.472	9.426	8.890	30
31	9.017A		8.785		9.781		9.827	9.638		9.418		8.858	31
MEAN	8.907	8.711	8.707	9.205	10.021	10.684	9.882	9.818	9.340	9.184	9.738	9.407	MEAN
MAX	9.017	9.054	8.847	9.628	10.407	11.148	10.273	9.972	9.834	9.580	10.428	9.984	MAX
MIN	8.808	8.587	8.510	8.780	9.881	9.889	9.827	9.638	9.064	8.801	9.288	8.858	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MEAN, 9.480
MAXIMUM DAILY, 11.148 ON JUN 15
MINIMUM DAILY, 8.510 ON MAR 5
MAXIMUM INSTANTANEOUS,
11.154 AT 21:28 PST ON JUN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 18 31 N
LONG 121 46 26 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HARRISON RIVER BELOW MORRIS CREEK - STATION NO. 08MG022

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.738	8.888E	---	---	9.376	9.810	9.768	9.483	9.282	---	---	---	1
2	8.715	8.815E	---	---	9.421	9.846	9.757	9.476	9.276	---	---	---	2
3	8.741	8.762E	---	---	9.489	9.809	9.726	9.521	9.259	---	---	---	3
4	8.817	8.710E	---	8.677	9.515	9.989	9.686	9.526	9.249	---	---	---	4
5	8.828	8.700E	---	8.699	9.587	10.127	9.670	9.528	9.241	---	---	---	5
6	8.824	8.718E	---	8.747	9.627	10.283	9.638	9.530	9.226	---	---	---	6
7	8.812	8.730A	---	8.797	9.701	10.376	9.596	9.535	9.212	---	---	---	7
8	8.772	8.720	---	8.843	9.782	10.448	9.571	9.528	9.188	---	---	---	8
9	8.750	8.689	---	8.880	9.860	10.488	9.543	9.514	9.174	---	---	---	9
10	8.726	8.664	---	8.861	9.927	10.487	9.531	9.518	9.164	---	---	---	10
11	8.705	8.631	---	8.852	9.981	10.456	9.519	9.503	9.148	---	---	---	11
12	8.698	8.609	---	8.888	9.964	10.442	9.517	9.474	9.130	---	---	---	12
13	8.698	8.608A	---	8.890	9.941	10.474	9.518	9.438	9.115	---	---	---	13
14	8.688	8.597E	---	8.927	9.918	10.521	9.543	9.407	9.100	---	---	---	14
15	8.688	8.588E	---	8.970	9.851	10.553	9.585	9.380	9.085	---	---	---	15
16	8.723	8.575E	---	9.023	9.781	10.538	9.594	9.384	9.077	---	---	---	16
17	8.789	8.564E	---	9.050	9.761	10.500	9.610	9.352	9.064	---	---	---	17
18	8.839	8.552E	---	9.063	9.737	10.480	9.608	9.338	9.054	---	---	---	18
19	8.857	8.540E	---	9.112	9.703	10.417	9.584	9.323	9.032	---	---	---	19
20	8.842	8.528E	---	9.164	9.665	10.304	9.577	9.334	9.020	---	---	---	20
21	8.833	8.520E	---	9.211	9.623	10.184	9.563	9.388	8.987	---	---	---	21
22	8.828	8.540E	---	9.233	9.561	10.032	9.552	9.416	8.976	---	---	---	22
23	8.813	8.550E	---	9.244	9.531	9.940	9.531	9.438	8.946	---	---	---	23
24	8.781	8.562E	---	9.247	9.497	9.883	9.498	9.424	8.933	---	---	---	24
25	8.752	8.568E	---	9.247	9.458	9.884	9.467	9.418	8.914	---	---	---	25
26	8.727	8.558E	---	9.237	9.423	9.888	9.455	9.414	8.904	---	---	---	26
27	8.694	8.548E	---	9.246	9.408	9.901	9.447	9.384	8.899	---	---	---	27
28	8.673	8.550A	---	9.268	9.398	9.900	9.448	9.364	8.903	---	---	---	28
29	8.658		---	9.285	9.392	9.872	9.448	9.351	8.894	---	---	---	29
30	8.660		---	9.331	9.385	9.831	9.438	9.318	8.860A	---	---	---	30
31	8.660A		---		9.431		9.426	9.298		---		---	31
MEAN	8.760	8.627	---	---	9.634	10.170	9.564	9.427	9.060	---	---	---	MEAN
MAX	8.857	8.888	---	---	9.981	10.553	9.768	9.535	9.282	---	---	---	MAX
MIN	8.658	8.520	---	---	9.376	9.810	9.426	9.298	8.860	---	---	---	MIN

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 07 N
LONG 121 54 08 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW
DRAINAGE AREA,
7 890 km^2

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HARRISON RIVER NEAR HARRISON HOT SPRINGS - STATION NO. 08MG013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	188	233A	138A	172	441	516	888	508	420	248	324	328	1
2	184	208A	128A	173	488	588	840	525	408	247	306	312	2
3	188	187A	122	176	498	680	883	548	404	238	292	383	3
4	210	176A	121	177	521	773	848	558	387	233	302	488	4
5	213	178	120	180	548	818	828	559	382	228	302	585	5
6	208	170	122	187	584	881	810	558	382	220	300	585	6
7	204	167	126	204	633	884	588	558	374	211	318	552	7
8	188	174	128	220	680	894	571	555	368	208	321	544	8
9	182	172	128	224	705	1 010	555	552	361	200	330	528	9
10	188	168	130	224	725	1 010	543	547	354	193	880	508	10
11	184	184	181	224	728	1 030	537	538	344	200	788	478	11
12	180	180	188	228	714	1 080	535	518	338	226	778	448	12
13	178	187	174	234	671	1 050	542	488	328	242	747	422	13
14	180	183	177	247	637	1 080	554	462	324	248	688	398	14
15	178	181	178	284	637	1 120	572	484	318	248	880	378	15
16	183	148E	183	283	884	1 110	588	488	314	238	893	381	16
17	202	144E	181	285	886	1 070	595	448	318	228	848	333	17
18	214	140A	178	303	858	983	599	438	308	224	803	314	18
19	218	138	175	318	838	932	581	435	288	230	478	285	19
20	218	134	173	333	810	815	583	440	289	241	480	283	20
21	215	131	188	358	880	883	573	457	281	283	521	273	21
22	213	133	188	372	848	841	568	487	288	293	585	281	22
23	207	140	188	378	818	781	562	501	280	328	483	248	23
24	188	142	188	378	808	788	538	501	284	377	467	238	24
25	184	143	184	378	487	782	524	493	248	381	458	228	25
26	188	141	183	374	470	781	511	488	247	400	432	218	26
27	183	138	188	377	488	785	504	470	247	400	413	208	27
28	180	140A	178	385	482	784	504	455	247	383	388	202	28
29	178		172	388	481	780	503	447	243	378	385	198	29
30	178		171	418	483	728	501	431	241	380	343	191	30
31	222A		171		478		488	421		340		185	31
TOTAL	6 084	4 428	4 888	8 474	17 811	26 418	17 887	15 338	8 572	8 487	14 121	10 878	TOTAL
MEAN	196	188	187	282	575	881	570	495	319	273	471	351	MEAN
MAX	222	233	183	418	728	1 120	888	559	420	400	778	585	MAX
MIN	178	131	120	172	441	516	488	421	241	183	292	185	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 388
MAXIMUM DAILY, 1 120 ON JUN 15
MINIMUM DAILY, 120 ON MAR 8

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 18 40 N
LONG 121 48 06 W
DRAINAGE AREA, 7 870 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	534 000	JUL	1 530 000
FEB	382 000	AUG	1 330 000
MAR	418 000	SEP	827 000
APR	732 000	OCT	732 000
MAY	1 540 000	NOV	1 230 000
JUN	2 280 000	DEC	940 000

TOTAL DISCHARGE, 12 600 000 dam³

HARROP CREEK NEAR HARROP - STATION NO. 08NJ027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.300	1.17	1.84	1.38	0.415	0.845	---	---	---	1
2	---	---	---	0.211	1.87	2.04	1.35	0.440	0.523	---	---	---	2
3	---	---	---	0.208	1.83	2.15	1.32	0.427	0.428	---	---	---	3
4	---	---	---	0.187	2.38	2.78	1.28	0.408	0.417	---	---	---	4
5	---	---	---	0.218	2.87	3.80	1.22	0.391	0.436	---	---	---	5
6	---	---	---	0.282	3.81	3.97	1.18	0.373	0.443E	---	---	---	6
7	---	---	---	0.288	4.81	4.04	1.15	0.381	0.488	---	---	---	7
8	---	---	---	0.278	3.48	4.07	1.01	0.418	0.678	---	---	---	8
9	---	---	---	0.268	5.01	4.14	0.898	0.885	0.481	---	---	---	9
10	---	---	---	0.261	4.72	3.34	1.24	0.473	0.486	---	---	---	10
11	---	---	---	0.288	4.31	3.28	1.18	0.408	0.417	---	---	---	11
12	---	---	---	0.271	3.82	2.77	1.03	0.397	0.408	---	---	---	12
13	---	---	---	0.308	3.26	2.88	1.01	0.378	0.398	---	---	---	13
14	---	---	---	0.438	1.85	2.44	0.874	0.473	0.381	---	---	---	14
15	---	---	---	0.588	1.81	2.08	0.898	0.887	0.384	---	---	---	15
16	---	---	---	0.680	1.88	2.02	0.882	0.418	0.383	---	---	---	16
17	---	---	---	0.888	1.81	2.88	0.838	0.404	0.388	---	---	---	17
18	---	---	---	0.725	1.83	2.54E	0.878	0.374E	0.388	---	---	---	18
19	---	---	---	1.03	1.88	2.25	0.791	0.370E	0.384	---	---	---	19
20	---	---	---	1.05	1.88	2.18	0.748	0.383	0.353	---	---	---	20
21	---	---	---	1.21	1.80	1.88	0.730	0.480	0.348	---	---	---	21
22	---	---	---	1.24	1.74	1.78	0.882	0.860	0.338	---	---	---	22
23	---	---	---	1.31	1.77	1.74E	0.873	0.480	0.322	---	---	---	23
24	---	---	---	1.32	1.72	1.88	0.888	0.422	0.317	---	---	---	24
25	---	---	---	0.958	1.88	1.81	0.881	0.480	0.313	---	---	---	25
26	---	---	---	0.804	1.70	1.88	0.888	0.732	0.308	---	---	---	26
27	---	---	---	0.788	1.77	1.77	0.833E	0.752	0.313	---	---	---	27
28	---	---	---	0.747	1.78	1.88	0.908	0.733	0.308	---	---	---	28
29	---		---	0.788	2.33E	1.83	0.488	0.888	0.302	---	---	---	29
30	---		---	0.818	1.78	1.48	0.453	0.880	0.281	---	---	---	30
31	---		---		1.78		0.427	0.883		---		---	31
TOTAL	---	---	---	18.484	78.02	76.88	27.815	18.181	11.787	---	---	---	TOTAL
MEAN	---	---	---	0.818	2.48	2.82	0.887	0.488	0.388	---	---	---	MEAN
MAX	---	---	---	1.32	5.01	4.14	1.38	0.885	0.678	---	---	---	MAX
MIN	---	---	---	0.187	1.17	1.48	0.427	0.383	0.281	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 5.01 ON MAY 9

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 35 41 N
LONG 117 03 32 W
DRAINAGE AREA, 43.2 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 400
FEB	---	AUG	1 310
MAR	---	SEP	1 010
APR	1 580	OCT	---
MAY	6 870	NOV	---
JUN	6 540	DEC	---

HAT CREEK NEAR CACHE CREEK - STATION NO. 08LF015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1868	0.1808	0.1108	0.3688	0.733	2.70 E	0.884	0.110	0.480	0.388	0.458	0.340E	1
2	0.1888	0.1108	0.1148	0.3388	1.04 A	2.30 E	0.871	0.187	0.418	0.373	0.430	0.362E	2
3	0.1838	0.1008	0.1208	0.3108	0.980E	2.10 E	0.838	0.218	0.408	0.387	0.487	0.381E	3
4	0.1848	0.1108	0.1808	0.3008	0.850E	2.01 A	0.817	0.213	0.402	0.380	0.800	0.368E	4
5	0.1888	0.1148	0.2308	0.2888	1.20 E	1.88 A	0.483	0.192	0.402	0.388	0.817	0.344A	5
6	0.1808	0.1238	0.2708	0.3068	1.80 E	1.75	0.437	0.170	0.387	0.375	0.823	0.340B	6
7	0.1488	0.1288	0.3108	0.3408	1.58 E	1.52	0.388	0.148	0.383	0.384	0.812	0.330B	7
8	0.1608	0.1338	0.3208	0.3708	1.55 E	1.43	0.343	0.183	0.333	0.380	0.481	0.330B	8
9	0.1578	0.1378	0.3208	0.812	1.88 E	1.50	0.333	0.188	0.319	0.389	0.491	0.329B	9
10	0.1618	0.1418	0.3808	0.481	1.80 E	1.61	0.327	0.188	0.313	0.414	0.491	0.328B	10
11	0.1888	0.1448	0.3488	0.488	1.40 E	1.48	0.348	0.180A	0.311	0.448	0.518	0.380B	11
12	0.1718	0.1528	0.3558	0.870	1.32 E	1.33	0.331	0.168E	0.303	0.485	0.514	0.240B	12
13	0.1738	0.1598	0.3708	0.888	1.15 E	1.21	0.283	0.184E	0.282	0.445	0.480	0.225B	13
14	0.1708	0.1628	0.3878	0.857	1.10 E	1.14	0.280	0.270E	0.287	0.440	0.418	0.218B	14
15	0.1888	0.1688	0.3808	0.574	1.17 E	1.03	0.283	0.480E	0.280	0.428	0.443	0.218B	15
16	0.1808	0.1838	0.3808	0.614	1.27 E	1.02	0.282	0.440E	0.281	0.412	0.385	0.220B	16
17	0.1678	0.1858	0.3408	0.438	1.13 E	0.880	0.288	0.480E	0.340	0.412	0.366	0.217B	17
18	0.1728	0.1878	0.3208	0.378	1.08 E	0.826	0.268	0.440E	0.488	0.408	0.318	0.190B	18
19	0.1888	0.1808	0.3158	0.388	0.940E	0.815	0.250	0.400E	0.484	0.437	0.383	0.178B	19
20	0.1838	0.1878	0.3388	0.388	0.880E	0.812	0.238	0.407E	0.419	0.438	0.488	0.180B	20
21	0.1838	0.1748	0.3838	0.417	0.810E	0.731	0.222	0.410E	0.414	0.428	0.478	0.148B	21
22	0.1828	0.1788	0.3708	0.402	0.780E	0.762	0.217	0.380E	0.413	0.424	0.388	0.133B	22
23	0.1488	0.1778	0.3908	0.380	0.780E	0.775	0.212	0.370E	0.417	0.448	0.384A	0.110B	23
24	0.1438	0.1718	0.3828	0.387	0.820E	0.711	0.184	0.380E	0.402	0.884	0.348E	0.103B	24
25	0.1478	0.1628	0.3808	0.388	0.920E	0.884	0.188	0.380E	0.388	0.848	0.363E	0.098B	25
26	0.1538	0.1538	0.4208	0.387	0.810E	0.847	0.178	0.370E	0.382	0.803	0.338E	0.080B	26
27	0.1878	0.1438	0.4848	0.437	1.03 E	0.830	0.170	0.380E	0.382	0.867	0.330E	0.087B	27
28	0.1828	0.1288	0.4408	0.428	1.17 E	0.885	0.188	0.385E	0.385	0.808	0.348E	0.088B	28
29	0.1888		0.4108	0.428	1.32 E	0.832	0.137	0.364A	0.387	0.477	0.380E	0.088B	29
30	0.2008		0.3808	0.808	1.60 E	0.809	0.128	0.378	0.388	0.477	0.338E	0.087B	30
31	0.2008		0.3858		1.72 E		0.113	0.434		0.483		0.088B	31
TOTAL	5.138	4.140	10.188	13.788	38.133	38.888	9.303	9.388	11.271	13.888	12.718	8.842	TOTAL
MEAN	0.188	0.148	0.328	0.428	1.17	1.32	0.300	0.288	0.378	0.441	0.424	0.214	MEAN
MAX	0.300	0.188	0.484	0.870	1.88	2.70	0.884	0.480	0.488	0.848	0.823	0.362	MAX
MIN	0.142	0.100	0.110	0.288	0.733	0.809	0.113	0.110	0.280	0.380	0.318	0.088	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.480
MAXIMUM DAILY, 2.70E ON JUN 1
MINIMUM DAILY, 0.0888 ON DEC 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 53 04 N
LONG 121 28 13 W
DRAINAGE AREA, 868 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	844	JUL	804
FEB	384	AUG	800
MAR	879	SEP	874
APR 1	100	OCT 1	180
MAY 3	120	NOV 1	100
JUN 3	170	DEC	874

TOTAL DISCHARGE, 14 800 dam³

MEDLEY CREEK NEAR THE MOUTH - STATION NO. 08NL050

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1838	0.1808	0.174	0.180	5.72	10.8	4.18	1.23 E	1.82	0.838	0.422	0.814	1
2	0.1888	0.1068	0.170	0.180	6.23	10.3	4.33	1.28	2.88	0.814	0.431	0.828	2
3	0.1928	0.1138	0.188	0.180	8.10	10.4	3.84	1.83	4.03	0.788	0.801	0.851	3
4	0.1928	0.1198	0.182	0.180	8.88	8.71	3.29	1.31	2.48	0.788	1.88	0.818	4
5	0.1918	0.1228	0.182	0.209	8.88	7.08	2.71	1.13	2.48	0.801	1.88	1.18	5
6	0.1908	0.1288	0.184	0.228	7.88	6.51	2.42	0.847	2.12	0.851	1.21	1.04	6
7	0.1888	0.1258	0.184	0.273	8.18	6.88	2.23	0.808	1.88	0.883	1.01	0.878	7
8	0.1818	0.1288	0.181	0.304	8.84	6.44	1.82	0.820	1.78	0.801	0.872	0.830	8
9	0.1808	0.1288	0.188	0.304	8.48	6.38	1.70	1.00	1.63	0.782	1.88	0.818	9
10	0.1888	0.1388	0.188	0.311	8.88	6.08	1.78	0.888	1.88	0.728	3.82	0.784	10
11	0.183	0.1278	0.173	0.344	8.83	4.78	3.08	0.781	1.47	0.888	2.88	0.882	11
12	0.183	0.1278	0.188	0.438	8.88	4.41	2.83	0.718	1.48	0.888	1.83	0.8888	12
13	0.187	0.1288	0.186	0.817	5.38	4.38	1.73	0.808	1.38	0.804	1.48	0.8888	13
14	0.188	0.1288	0.188	0.883	5.23	4.32	4.84	0.818	1.28	0.814	1.38	0.8888	14
15	0.183	0.1288	0.173	0.884	5.28	4.85	8.87	2.88	1.24	0.477	0.878	0.8788	15
16	0.183	0.1288	0.173	1.32	5.42	4.27	4.28	4.88	1.18	0.388	1.27	0.8888	16
17	0.188	0.1388	0.173	1.74	5.82	4.13	3.81	4.24	1.13	0.477	1.18	0.8388	17
18	0.183	0.1318	0.188	2.48	5.82	3.71	3.11	2.88	1.13	0.838	1.24	0.8288	18
19	0.187	0.1328	0.188	2.81	5.87	3.84	2.87	2.81	1.11	0.848	1.28	0.7888	19
20	0.188	0.1388	0.188	3.33	6.17	3.82	2.38	3.28	1.08	0.848	1.41	0.7888	20
21	0.1888	0.1488	0.188	3.18	5.23	3.71	1.87	2.71	1.84	0.838	1.78	0.8488	21
22	0.1728	0.1488	0.288	3.85	5.33	3.88	1.78	2.44	0.888	0.838	0.848	0.807	22
23	0.1888	0.1888	0.188	3.71	5.82	3.15	1.88	2.18	0.844	0.888	0.8388	0.741	23
24	0.1838	0.1828	0.188	3.11	5.87	2.82	1.81	1.88	0.918	1.31	0.484	0.728	24
25	0.1878	0.1888	0.188	2.48	5.48	2.78	1.37	1.82	0.888	0.888	0.388	0.741	25
26	0.178	0.1788	0.288	3.71	5.18	2.81	1.28	1.82	0.818	0.828	0.881	0.7128	26
27	0.187	0.1718	0.288	2.78	4.28	3.38	1.23	2.38	0.888	0.741	0.838	0.883	27
28	0.183	0.174	0.288	2.88	3.588	3.28	1.24	1.88	0.888	0.807	0.801	0.871	28
29	0.183		0.288	3.83	3.788	3.88	1.38	1.84	0.818	0.288	0.838	0.888	29
30	0.282		0.388	4.88	3.88	3.88	1.38	1.83	0.881	0.807	0.871	0.883	30
31	0.242		0.198		3.87		1.218	1.88		0.207		0.871	31
TOTAL	5.788	3.838	5.814	48.817	208.48	146.84	78.48	58.843	44.784	20.488	38.787	23.718	TOTAL
MEAN	0.187	0.137	0.181	1.58	6.76	4.88	2.83	1.84	1.48	0.888	1.18	0.785	MEAN
MAX	0.242	0.174	0.288	4.88	8.87	10.8	8.87	4.88	4.03	1.31	3.82	1.18	MAX
MIN	0.183	0.188	0.181	0.188	5.87	3.88	1.28	0.718	0.881	0.287	0.388	0.842	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.88
MAXIMUM DAILY, 10.8 ON JUN 1
MINIMUM DAILY, 0.1888 ON FEB 3

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 31 54 N
LONG 120 03 59 W
DRAINAGE AREA, 388 km²
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	561	JUL	2 780
FEB	331	AUG	1 820
MAR	485	SEP	1 070
APR 4	050	OCT 1	770
MAY 18	100	NOV 3	080
JUN 13	700	DEC 2	050

TOTAL DISCHARGE, 58 800 dam³

HELLER CREEK ABOVE DIVERSIONS - STATION NO. 08LF051

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0318	1.00	1.78	0.441	0.133	0.288	---	---	---	1
2	---	---	---	0.0308	1.38	1.67	0.418	1.13	0.343	---	---	---	2
3	---	---	---	0.0288	1.37	1.08	0.410E	1.04	0.238	---	---	---	3
4	---	---	---	0.0368	1.53	0.916	0.340E	0.318	0.230	---	---	---	4
5	---	---	---	0.0278	1.88	0.784	0.320E	0.188	0.238	---	---	---	5
6	---	---	---	0.0288	2.18	0.888	0.178	0.233	0.228	---	---	---	6
7	---	---	---	0.0278	2.20	0.851	0.167	0.180	0.187	---	---	---	7
8	---	---	---	0.0268	2.17	0.493	0.143	0.141	0.167	---	---	---	8
9	---	---	---	0.0288	2.18	0.472	0.127	0.113	0.132	---	---	---	9
10	---	---	---	0.0308	2.84	0.428	0.124	0.073	0.124	---	---	---	10
11	---	---	---	0.0318	1.88	0.361	0.157	0.077	0.118	---	---	---	11
12	---	---	---	0.0328	0.986	0.298	0.138	0.078	0.108	---	---	---	12
13	---	---	---	0.0328	0.831	0.261	0.118	0.078	0.100	---	---	---	13
14	---	---	---	0.034	0.711	0.472	0.124	0.082	0.080	---	---	---	14
15	---	---	---	0.036	0.686	0.484	0.188	0.084	0.084	---	---	---	15
16	---	---	---	0.060	0.620	0.800	0.230	1.28	0.067	---	---	---	16
17	---	---	---	0.088	0.693	0.850	0.233	0.988	0.128	---	---	---	17
18	---	---	---	0.108	0.788	0.438	0.148	0.818	0.180	---	---	---	18
19	---	---	---	0.120	0.722	0.400	0.138	0.880	0.132	---	---	---	19
20	---	---	---	0.241	0.887	0.478	0.078	0.418	0.116	---	---	---	20
21	---	---	---	0.351	0.808	0.810	0.078	0.388	0.101	---	---	---	21
22	---	---	---	0.338	0.718	0.818	0.088	0.818	0.080	---	---	---	22
23	---	---	---	0.384	0.778	0.804	0.083E	0.373	0.084	---	---	---	23
24	---	---	---	0.384	0.888	0.487	0.083	0.284	0.088	---	---	---	24
25	---	---	---	0.313	1.20	0.381	0.047	0.281	0.088	---	---	---	25
26	---	---	---	0.278	1.08	0.288	0.043	0.228	0.081	---	---	---	26
27	---	---	---	0.318	0.845	0.377	0.038	0.188	0.088	---	---	---	27
28	---	---	---	0.441	1.04	0.484	0.034	0.187	0.084	---	---	---	28
29	---		---	0.878	1.04	0.458	0.028	0.188	0.082	---	---	---	29
30	---		---	0.878	1.32	0.484	0.028	0.188	0.048	---	---	---	30
31	---		---		1.88		0.024	0.188		---	---	---	31
TOTAL	---	---	---	8.088	37.883	17.888	4.883	10.748	3.783	---	---	---	TOTAL
MEAN	---	---	---	0.170	1.23	0.580	0.148	0.347	0.128	---	---	---	MEAN
MAX	---	---	---	0.878	2.84	1.78	0.441	1.28	0.288	---	---	---	MAX
MIN	---	---	---	0.028	0.820	0.261	0.024	0.073	0.048	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 2.84 ON MAY 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 00 37 N
LONG 120 45 13 W
DRAINAGE AREA, 48.8 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	388
FEB	---	AUG	836
MAR	---	SEP	328
APR	438	OCT	---
MAY	3 280	NOV	---
JUN	1 630	DEC	---

HIDDEN CREEK NEAR THE MOUTH - STATION NO. 08NE114

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.347	0.3288	0.228	0.486	5.82	5.87	1.80 E	0.288	0.880E	0.234E	0.338E	0.838	1
2	0.344	0.3158	0.228	0.478	5.18	5.70	1.43 E	0.382	0.888E	0.228E	0.338E	0.788	2
3	0.387	0.3078	0.236	0.458	5.25	5.60	1.38 E	0.384	0.820E	0.224E	0.407E	0.741	3
4	0.4408	0.3868	0.244	0.488	5.32	5.52	1.28 E	0.388	0.850E	0.224E	0.488E	1.88	4
5	0.422	0.281	0.248	0.486	5.85	5.58	1.30 E	0.319	0.788E	0.218E	0.458E	1.84	5
6	0.387	0.278	0.245	0.488	5.82	7.11	1.18 E	0.300	0.880E	0.213E	0.482E	1.80	6
7	0.372	0.288	0.248	0.483	6.00	8.44	1.11 E	0.288	0.800E	0.214E	0.488E	1.31	7
8	0.378	0.283	0.245	0.478	6.03	8.13	1.08 E	0.278	0.448E	0.208E	0.843E	1.28	8
9	0.382	0.281	0.245	0.883	6.81	8.00	1.18 E	0.886	0.428E	0.211E	2.88 E	1.18	9
10	0.381	0.288	0.248	0.842	10.8	8.31	1.28 E	0.782	0.408E	0.211E	8.85 E	1.02	10
11	0.344	0.287	0.248	0.824	8.88	4.88	0.780A	0.441	0.388E	0.288E	8.28 E	1.00	11
12	0.348	0.288	0.244	1.14	7.05	5.17	0.732	0.482	0.378E	0.427E	3.10 E	1.08	12
13	0.347	0.282	0.248	1.84	5.88	4.74	0.688	0.885	0.382E	0.873E	2.00 E	0.871	13
14	0.348	0.248	0.248	2.23	5.33	4.85	0.884	0.425	0.328E	0.440E	1.70 E	0.887	14
15	0.338	0.247	0.319	3.39	5.07	4.33	0.868	0.418	0.308E	0.388E	1.38 E	0.822	15
16	0.347	0.247	0.387	3.44	5.32	4.10	0.818	0.824	0.380E	0.312E	1.15 E	0.782	16
17	0.313	0.248	0.381	3.18	5.83	3.38	0.835	0.487	0.488E	0.308E	1.00 E	0.734	17
18	0.381	0.244	0.384	3.38	6.12	2.54	0.883	0.482	0.328E	0.878E	0.878E	0.721	18
19	0.340	0.244	0.380	4.44	5.34	2.85	0.831	0.408	0.304E	0.283E	1.11 E	0.700	19
20	0.340	0.242	0.387	5.80	4.31	2.34	0.810	0.384	0.284E	0.293E	1.18 E	0.889	20
21	0.338	0.236	0.383	7.88	3.88	2.07	0.487	0.884	0.282E	0.488E	1.38 E	0.880	21
22	0.333	0.234	0.378	7.27	3.82	2.08	0.488	0.827	0.261E	0.448E	1.18 A	0.831	22
23	0.332	0.238	0.378	6.00	4.31	2.11	0.432	0.832	0.272E	0.748E	1.00 E	0.812	23
24	0.288	0.238	0.378	5.18	3.77	2.00	0.410	0.874A	0.284E	0.748E	0.880A	0.888	24
25	0.302	0.240	0.382	4.78	3.48	1.87	0.380	0.728E	0.281E	0.628E	0.878E	0.872	25
26	0.300	0.238	0.470	4.22	3.38	1.848	0.373	0.780E	0.248E	0.623E	0.830E	0.862	26
27	0.300	0.237	0.488	3.88	3.82	1.788	0.380	0.880E	0.243E	0.843E	0.880E	0.843	27
28	0.301	0.331	0.518	3.84	3.84	1.748	0.337	0.738E	0.244E	0.478E	0.840E	0.828	28
29	0.297		0.803	4.30	3.32	1.688	0.328	0.840E	0.232E	0.417E	0.838A	0.818	29
30	0.333		0.488	4.84	3.43	1.808	0.308	0.858E	0.238E	0.387E	0.738	0.803	30
31	0.388		0.488		4.33		0.300	0.830A		0.338E		0.488	31
TOTAL	10.778	7.348	10.388	88.888	178.48	121.38	33.100	18.888	11.728	11.742	48.448	28.842	TOTAL
MEAN	0.348	0.288	0.335	2.80	5.78	4.05	0.748	0.835	0.381	0.378	1.81	0.889	MEAN
MAX	0.448	0.328	0.518	7.88	10.8	7.11	1.80	0.827	0.788	0.748	8.88	1.84	MAX
MIN	0.287	0.231	0.228	0.488	3.32	1.80	0.300	0.278	0.228	0.288	0.338	0.488	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.81
MAXIMUM DAILY, 10.8 ON MAY 10
MINIMUM DAILY, 0.2288 ON OCT 6
MAXIMUM INSTANTANEOUS, 14.2 AT 17:18 PST ON MAY 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 14 04 N
LONG 117 14 17 W
DRAINAGE AREA, 78.4 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	831	JUL	2 000
FEB	626	AUG	1 430
MAR	887	SEP	1 010
APR	7 810	OCT	1 010
MAY	15 800	NOV	3 030
JUN	10 800	DEC	2 300

TOTAL DISCHARGE, 47 800 dam³

HIRSCH CREEK NEAR THE MOUTH - STATION NO. 08FF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.008	4.038	2.758	5.158	67.7	65.2	40.5	15.4	8.11	12.4	14.8	45.1	1
2	5.508	3.958	2.728	5.308	68.0	57.0	39.4	14.5	7.89	9.86	39.2	204	2
3	5.858	3.808	2.708	5.558	62.1	59.4	35.5	14.0	8.03	9.49	147	86.6	3
4	7.808	3.858	2.688	5.808	60.5	55.5	26.2	14.5	15.5	12.0	57.3	71.5	4
5	5.708	3.808	2.688	5.108	53.4	65.3	22.3	18.4	11.3	13.2	32.5	48.9	5
6	5.308	3.708	2.758	6.908	114	48.2	22.4	16.7	9.41	10.1	25.1	33.2	6
7	5.208	3.828	2.828	7.108	84.1	45.2	20.5	12.4	8.89	14.2	23.6	23.9	7
8	5.158	3.808	2.788	7.808	77.2	44.4	20.4	11.6	10.0	31.2	58.3	19.5	8
9	5.068	3.858	2.738	7.858	68.3	41.7	23.9	13.1	9.07	25.3	100	18.5	9
10	4.858	3.498	2.868	8.808	58.2	44.2	36.5	13.9	8.09	30.6	88.7	15.2	10
11	5.808	3.408	2.818	16.1	28.8	50.7	30.9	11.1	7.82	40.6	32.6	14.7	11
12	6.358	3.388	2.888	18.1	24.4	51.8	29.5	11.7	7.83	34.8	28.6	15.8	12
13	6.158	3.308	2.888	14.9	22.9	52.8	30.2	14.1	7.32	28.6	23.8	18.4	13
14	6.038	3.218	2.828	27.4	26.3	48.8	25.2	13.4	8.83	33.7	30.2	18.6	14
15	5.858	3.168	2.808	24.4	31.0	34.3	20.4	11.8	8.42	18.0	19.3	18.1	15
16	6.008	3.118	3.498	16.7	41.8	28.8	16.3	11.4	7.32	14.9	18.5	17.3	16
17	6.308	3.088	2.488	16.1	30.2	26.7	16.8	12.8	7.28	61.2	37.9	17.7	17
18	6.428	3.048	2.478	17.3	24.7	33.8	30.3	13.1	8.89	80.0	283	17.0	18
19	6.788	3.018	2.488	24.3	33.7	19.8	19.8	11.4	20.8	75.9	87.6	16.0	19
20	6.808	3.008	2.478	38.3	30.7	18.8	23.0	14.8	21.0	67.1	34.8	16.8	20
21	6.888	3.008	2.808	31.1	18.8	26.8	20.8	33.6	16.2	33.7	23.2	13.8	21
22	6.408	2.988	2.788	33.7	18.6	28.6	20.2	18.3	13.2	22.1	16.4	70.0	22
23	6.008	2.928	3.008	23.6	22.9	38.4	18.0	12.0	10.6	17.8	14.8	113	23
24	6.408	2.908	3.188	28.8	27.3	48.2	18.2	11.1	8.01	18.2	14.8	128	24
25	7.008	2.888	3.408	37.2	27.2	45.4	16.9	10.8	8.33	23.1	13.4	154	25
26	7.408	2.848	3.888	43.3	27.4	34.1	15.3	10.0	7.89	28.8	12.1	135	26
27	8.808	2.808	3.788	41.6	28.4	19.8	21.8	8.87	7.71	22.4	13.0	88.6	27
28	9.008	2.808	4.008	38.7	36.4	18.0	18.7	10.3	7.35	18.1	73.6	37.8	28
29	8.408		4.308	48.3	52.8	21.1	15.6	10.8	61.3	28.8	81.8	28.0	29
30	4.808		4.808	60.7	66.4	26.1	15.8	9.86	19.6	21.7 E	83.8	26.3	30
31	4.158		4.808		86.9		17.4	8.31		13.8 A		32.2	31
TOTAL	185.87	92.27	92.33	881.15	1 385.9	1 200.5	713.0	407.69	348.16	814.85	1 448.1	1 886.4	TOTAL
MEAN	5.32	3.30	2.98	21.7	43.7	40.0	23.0	13.2	11.6	28.5	46.2	60.3	MEAN
MAX	9.00	4.03	4.80	60.7	114	88.5	40.5	33.6	61.3	80.0	283	204	MAX
MIN	4.15	2.80	2.48	5.15	18.8	18.0	15.8	8.31	8.42	9.49	12.1	15.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 24.6
MAXIMUM DAILY, 283 ON NOV 18
MINIMUM DAILY, 2.48B ON MAR 19
MAXIMUM INSTANTANEOUS,
838 AT 16:17 PST ON NOV 18

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 03 48 N
LONG 128 38 00 W
DRAINAGE AREA, 347 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 900	JUL	61 600
FEB	7 970	AUG	35 200
MAR	7 980	SEP	29 800
APR	66 300	OCT	70 000
MAY	117 000	NOV	125 000
JUN	104 000	DEC	134 000

TOTAL DISCHARGE, 775 000 dam³

MIUMILL CREEK ABOVE DIVERSIONS - STATION NO. 08LB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.270E	5.16	3.80 E	0.710	0.323	0.813	---	---	---	1
2	---	---	---	0.260E	5.26	3.67 E	0.700	0.434	0.788	---	---	---	2
3	---	---	---	0.251E	4.91	3.15 E	0.688	0.438	0.859	---	---	---	3
4	---	---	---	0.240E	4.86	2.92 E	0.870	0.402	0.909	---	---	---	4
5	---	---	---	0.230E	4.76	2.71	0.848	0.374	0.938	---	---	---	5
6	---	---	---	0.226E	5.82	2.89	0.820	0.348	0.930	---	---	---	6
7	---	---	---	0.238E	5.10	2.86	0.824	0.313	0.780	---	---	---	7
8	---	---	---	0.260E	5.08	2.83	0.811	0.262	0.888	---	---	---	8
9	---	---	---	0.328E	4.74	2.40	0.806	0.248	0.422	---	---	---	9
10	---	---	---	0.300E	5.73	1.93	0.492	0.208	0.412	---	---	---	10
11	---	---	---	0.326	5.05	1.85	0.468	0.187	0.386	---	---	---	11
12	---	---	---	0.368E	3.92	1.42	0.482	0.148	0.383	---	---	---	12
13	---	---	---	0.800E	2.74	1.18	0.476	0.208	0.374	---	---	---	13
14	---	---	---	1.05 E	1.93	1.18	0.473	0.188	0.384	---	---	---	14
15	---	---	---	1.55 E	1.41	1.08	0.527	0.374	0.381	---	---	---	15
16	---	---	---	1.40 E	3.78	1.05	0.878	0.780	0.381	---	---	---	16
17	---	---	---	1.22 E	3.98	1.00	0.812	0.828	0.377	---	---	---	17
18	---	---	---	1.73 E	4.04	0.882	0.808	0.880	0.370	---	---	---	18
19	---	---	---	2.80	4.17	1.01	0.844	0.418	0.381	---	---	---	19
20	---	---	---	2.74	4.24	0.880	0.537	0.384	0.348	---	---	---	20
21	---	---	---	3.26	4.32	0.837	0.492	0.348	0.335	---	---	---	21
22	---	---	---	3.16	4.36	0.780	0.470	0.301	0.319	---	---	---	22
23	---	---	---	3.08	4.48	0.700	0.484	0.270	0.310	---	---	---	23
24	---	---	---	3.03	4.69	0.848	0.434	0.248	0.284	---	---	---	24
25	---	---	---	2.89	4.78	0.830	0.418	0.264	0.278	---	---	---	25
26	---	---	---	2.77	4.61	0.883	0.380	0.287	0.283	---	---	---	26
27	---	---	---	2.66	4.84	0.840	0.367	0.348	0.242	---	---	---	27
28	---	---	---	3.33	4.24	0.885	0.348	0.742	0.228	---	---	---	28
29	---		---	5.83	3.75	0.880	0.332	0.304	0.205	---	---	---	29
30	---		---	5.33	3.23	0.728	0.310	0.393	0.306	---	---	---	30
31	---		---		4.11		0.282	0.606		---	---	---	31
TOTAL	---	---	---	93.437	143.27	48.979	18.785	10.670	13.691	---	---	---	TOTAL
MEAN	---	---	---	1.76	4.62	1.67	0.610	0.341	0.463	---	---	---	MEAN
MAX	---	---	---	5.33	5.76	3.90	0.710	0.780	0.938	---	---	---	MAX
MIN	---	---	---	0.226	1.41	0.820	0.262	0.149	0.205	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 5.76 ON MAY 5

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 53 05 N
LONG 119 43.53 W
DRAINAGE AREA, 89.7 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 380
FEB	---	AUG	913
MAR	---	SEP	1 170
APR	4 630	OCT	---
MAY	13 400	NOV	---
JUN	4 080	DEC	---

NOMATHKO RIVER AT INLET TO TATLAYOKO LAKE - STATION NO. 08ED005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.445B	0.440B	0.428B	0.480B	1.38	5.43	2.83	4.15	2.68	1.15	0.970	0.777	1
2	0.440B	0.400B	0.420B	0.488B	1.89	5.71	2.82	4.83	2.68	1.13	0.881	1.01	2
3	0.440B	0.390B	0.418B	0.490B	1.86	7.17	2.38	4.51	2.42	1.10	1.05	1.48	3
4	0.440B	0.410B	0.410B	0.520B	2.11	8.88	2.21	4.14	2.25	1.08	1.23	1.54	4
5	0.439B	0.430B	0.400B	0.588B	2.39	7.26	2.28	3.88	2.13	1.04	1.19	1.18	5
6	0.445B	0.480B	0.406B	0.580B	2.82	7.38	2.20	3.61	1.88	1.04	1.10	1.04	6
7	0.480B	0.480B	0.415B	0.600B	2.48	6.44	2.06	3.35	1.82	1.03	0.935	0.950B	7
8	0.480B	0.483B	0.430B	0.600B	2.85	5.76	2.12	3.13	1.85	1.01	1.02	0.850B	8
9	0.484B	0.484B	0.445B	0.600B	2.89	5.48	2.07	2.87	1.82	0.988	1.08	0.740B	9
10	0.485B	0.478B	0.465B	0.780B	2.84	5.43	4.84	2.75	1.78	0.985	2.88	0.720B	10
11	0.510B	0.480B	0.480B	0.850B	2.68	5.00	8.28	2.61	1.82	1.01	2.37	0.780B	11
12	0.520B	0.440B	0.458B	0.850B	2.18	5.28	8.00	2.31	1.82	0.974	1.83	0.770B	12
13	0.540B	0.437B	0.480B	1.01	1.82	5.30	5.71	1.89	1.48	0.887	1.43	0.780B	13
14	0.490B	0.433B	0.470B	1.02	1.84	5.05	5.88	2.02	1.43	0.945	1.20	0.780B	14
15	0.478B	0.428B	0.480B	1.01	1.88	4.48	5.14	2.83	1.38	0.907	1.10	0.770B	15
16	0.480B	0.430B	0.470B	0.918	1.85	4.01	4.82	8.35	1.43	0.881	1.08	0.780B	16
17	0.510B	0.445B	0.485B	0.823	2.10	3.37	4.08	10.7	1.83	0.890	1.08	0.780B	17
18	0.480B	0.480B	0.480B	0.780	2.48	2.88	3.88	8.82	1.80	1.18	1.12	0.700B	18
19	0.485B	0.480B	0.485B	0.801	2.26	2.64	3.33	7.18	1.80	1.44	1.22	0.860B	19
20	0.480B	0.500B	0.450B	0.818	1.89	2.11	3.08	5.85	1.53	1.30	1.18	0.820B	20
21	0.470B	0.480B	0.450B	0.809	1.74	1.85	2.84	5.73	1.38	1.25	1.07	0.830B	21
22	0.400B	0.480B	0.455B	0.787	1.84	3.28	2.83	5.21	1.27	1.07	1.01	0.800B	22
23	0.370B	0.470B	0.455B	0.774	1.48	2.38	2.58	4.70	1.23	1.13	1.02	0.730B	23
24	0.370B	0.485B	0.480B	0.782	1.78	2.86	2.85	4.10	1.20	1.88	0.851	0.730B	24
25	0.380B	0.470B	0.485B	0.748	1.85	3.34	2.45	3.82	1.18	1.91	0.807	0.740B	25
26	0.320B	0.485B	0.470B	0.789	1.89	3.89	2.81	3.29	1.17	1.81	0.789	0.738B	26
27	0.270B	0.480B	0.475B	0.734	2.18	3.76	2.73	3.04	1.18	1.30	0.847	0.720B	27
28	0.280B	0.480B	0.470B	0.783	2.24	3.36	2.80	2.81	1.17	1.13	0.838	0.700B	28
29	0.288B		0.440B	0.867	2.34	3.03	2.78	2.70	1.17	1.11	0.889	0.880B	29
30	1.30 B		0.480B	1.02	2.78	2.85	3.01	2.88	1.13	1.08	0.782	0.880B	30
31	0.700B		0.475B		3.88		2.88	2.87		0.992		0.870B	31
TOTAL	14.873	12.718	13.878	22.716	67.48	133.72	105.37	127.98	48.84	35.439	38.880	28.842	TOTAL
MEAN	0.470	0.454	0.451	0.757	2.18	4.46	3.40	4.13	1.62	1.14	1.18	0.827	MEAN
MAX	1.30	0.500	0.480	1.03	3.88	7.38	8.28	10.7	2.68	1.91	2.88	1.54	MAX
MIN	0.280	0.380	0.400	0.480	1.38	1.85	2.08	1.99	1.13	0.881	0.782	0.820	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.75
MAXIMUM DAILY, 10.7 ON AUG 17
MINIMUM DAILY, 0.280B ON JAN 28
MAXIMUM INSTANTANEOUS,
12.0 AT 05:37 PST ON AUG 17

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 40 24 N
LONG 124 24 21 W
DRAINAGE AREA, 600 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 280	JUL	9 100
FEB	1 100	AUG	11 100
MAR	1 210	SEP	4 180
APR	1 980	OCT	3 080
MAY	5 830	NOV	3 070
JUN	11 600	DEC	2 220

TOTAL DISCHARGE, 55 700 dam³

NOMATHKO RIVER AT THE MOUTH - STATION NO. 08ED004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	41.4	70.0B	31.8B	40.3	253	480	410	988	475	381	77.7	81.7	1
2	42.8	61.0B	31.0B	40.2	288	878	388	835	440	218	78.2	281	2
3	43.7	88.0B	30.8B	38.2	287	833	403	746	418	208	104	340	3
4	43.1	88.0B	30.8B	38.3	278	878	381	782	448	221	134	288	4
5	40.6	84.0B	30.0B	40.8	283	740	377	782	394	331	108	201	5
6	37.0	82.0B	29.8B	50.4	337	721	383	809	383	213	89.4	181	6
7	38.0B	80.8B	28.8B	88.2	388	878	393	838	477	242	80.7	132	7
8	37.0B	48.0B	30.1	80.8	383	877	397	838	828	228	109	128	8
9	37.7B	47.0B	31.4	47.8	387	825	443	788	488	281	483	110	9
10	38.8B	46.8B	38.2	48.1	333	814	828	801	404	384	838	89.7	10
11	38.0	44.2B	38.8	58.4	284	701	881	481	387	217	275	90.4	11
12	41.8	43.0B	35.2	71.8	232	788	818	446	444	178	188	87.3	12
13	44.2	41.0B	34.3	84.8	208	788	728	819	471	138	188	83.0	13
14	39.4	38.0B	32.9	122	214	828	778	812	482	118	133	80.0	14
15	36.0	36.8B	32.3	148	232	883	748	437	394	101	118	77.3	15
16	42.4	37.8B	31.7	120	248	847	702	388	308	81.3	108	74.8	16
17	48.8	37.0B	30.8	108	285	485	884	871	238	88.1	100	71.8	17
18	44.4	36.8B	30.0	101	310	439	835	778	211	328	108	88.0	18
19	42.0	36.8B	30.1	111	180	378	815	821	212	288	178	88.3	19
20	43.4	37.0B	30.8	173	188	338	888	788	228	208	147	83.1	20
21	44.2	38.1B	31.8	183	187	321	873	848	271	183	120	88.1	21
22	41.3	40.0B	33.2	128	184	328	822	888	318	187	103	83.1	22
23	38.8	42.0B	33.3	107	158	440	838	849	387	183	101	88.8	23
24	37.0	41.0B	33.1	108	187	802	818	882	388	201	88.8	72.4	24
25	37.8	38.8B	32.4	123	172	748	883	887	388	188	88.8	72.4	25
26	38.3	38.0B	33.8	134	183	748	828	884	382	178	83.3	88.0	26
27	41.8	33.0B	38.3	134	173	837	888	880	381	137	78.2	87.1	27
28	40.4	32.8B	42.8	182	187	434	838	837	388	108	83.8	88.4	28
29	46.8		38.8	182	208	378	837	838	378	88.7	88.1	78.8	29
30	148		38.7	232	271	412	787	888	340	90.2	81.1	71.8	30
31	124		38.0		388		888	888		83.2		74.1	31
TOTAL	1 480.8	1 233.2	1 031.0	3 008.8	7 471	17 338	17 888	20 487	11 282	5 840.8	4 288.4	3 373.2	TOTAL
MEAN	48.8	44.0	33.2	100	241	578	570	881	378	182	142	108	MEAN
MAX	144	70.0	42.8	232	388	828	888	888	828	328	838	340	MAX
MIN	36.0	32.8	28.8	38.2	184	321	377	437	211	83.2	77.7	88.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 288
MAXIMUM DAILY, 888 ON AUG 1
MINIMUM DAILY, 28.8B ON MAR 7
MAXIMUM INSTANTANEOUS,
1 040 AT 04:05 PST ON AUG 1

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 58 05 N
LONG 124 58 01 W
DRAINAGE AREA, 5 730 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	125 000	JUL	1 530 000
FEB	107 000	AUG	1 770 000
MAR	88 100	SEP	972 000
APR	260 000	OCT	487 000
MAY	645 000	NOV	388 000
JUN	1 500 000	DEC	281 000

TOTAL DISCHARGE, 8 150 000 dam³

NOMATHKO RIVER AT TRAGEDY CANYON - STATION NO. 08CD006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	22.1E	40.0B	19.8B	21.2E	110 E	210E	204	441	223	114	40.8	38.1E	1
2	22.3E	30.0B	18.8B	21.6E	120 E	230E	198	385	209	96.8	40.8	135 E	2
3	22.7E	27.6B	18.8B	21.7E	125 E	270E	191	347	201	85.6	49.0	180 E	3
4	23.1A	26.5B	18.1B	22.0E	130 E	280E	184	357	216	103	57.9	155 E	4
5	21.4	25.8B	18.0B	22.5E	135 E	315E	186	366	183	102	49.9	88.0E	5
6	21.1	24.5B	18.1B	24.0E	145 E	340E	193	375	184	88.1	48.4	86.0E	6
7	20.3B	23.5B	18.5E	27.0E	164 E	330E	198	365	231	112	43.5	88.6E	7
8	20.0B	23.0B	19.0E	23.0E	165 E	325A	203	384	240	101	47.6	88.0E	8
9	20.8B	22.5B	19.7E	23.0E	170 E	313	234	348	208	114	167	80.0E	9
10	20.9B	21.8B	20.5E	23.8A	180 E	320	287	272	180	117	195	44.2E	10
11	21.5	21.0B	21.1E	23.8A	140 E	381	286	228	184	88.8	117	41.5E	11
12	22.2	20.5B	21.3E	26.4A	110 E	378	288	228	209	71.4	83.9	40.2E	12
13	22.1	20.0B	21.1E	40.0E	105 E	388	282	251	218	56.4	71.0	38.5E	13
14	21.1	19.7B	21.0E	64.0E	89.0E	387	285	237	204	51.4	63.4	37.3E	14
15	21.3	19.4B	20.5E	87.0E	101 E	322	356	218	173	48.2	56.4	36.3E	15
16	21.7	18.8B	20.0E	80.0E	107 E	270	328	327	138	43.1	85.3	35.3E	16
17	21.7	18.7B	19.7E	84.0E	118 E	234	304	387	111	82.1	82.3	34.3E	17
18	21.4	18.5B	19.5E	81.0E	114 E	200	292	384	101	186	85.3	33.3E	18
19	21.2A	18.0E	19.5E	86.0E	95.0E	178	287	389	102	107	75.8	32.3E	19
20	21.0E	19.8A	19.7E	86.0E	84.0E	168	277	378	114	84.8	83.2	31.1E	20
21	20.9E	19.8	20.0E	80.0E	78.0E	188	266	387	130	76.1	65.8	29.3E	21
22	20.5E	20.8A	20.4E	80.0E	75.0E	178	243	294	148	85.4	49.8	31.1E	22
23	20.0E	22.2E	20.5E	84.0E	75.0E	235	246	260	161	85.1	50.0	32.4E	23
24	18.5E	22.0E	20.4E	85.0E	75.0E	309	248	264	182	81.5	48.8	34.6E	24
25	18.0E	21.6E	20.3E	86.0E	78.0E	374	270	271	180	87.8	38.6	34.7E	25
26	18.5E	21.2E	21.0E	83.0E	86.0E	365	299	261	172	86.5	26.8	39.7E	26
27	18.4E	20.8E	21.1E	87.0E	83.0E	287	313	280	163	87.0	24.9	44.3E	27
28	20.0E	20.0E	21.5E	77.0E	86.0E	216	295	252	163	48.1	25.5	39.5E	28
29	23.0E		21.8E	86.0E	100 E	196	305	255	170	46.2	24.9	35.2E	29
30	40.0E		21.7E	86.0E	120 E	212	355	266	146	44.0	21.0A	34.2E	30
31	56.0E		21.5E		160 E		416	268		41.3		35.2E	31
TOTAL	706.4	626.1	622.4	1 426.8	3 606.0	8 338	8 486	9 871	5 202	2 473.8	1 817.7	1 822.0	TOTAL
MEAN	22.8	22.4	20.1	47.8	113	278	273	313	173	79.8	60.6	82.3	MEAN
MAX	56.0	40.0	21.8	86.0	170	388	416	441	240	186	195	180	MAX
MIN	18.0	18.8	18.0	21.2	75.0	168	184	218	101	41.3	21.0	28.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 122
MAXIMUM DAILY, 441 ON AUG 1
MINIMUM DAILY, 18.0E ON JAN 26
MAXIMUM INSTANTANEOUS,
485 AT 23:00 PST ON JUL 31

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 15 56 N
LONG 124 53 12 W
DRAINAGE AREA, 4 070 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	61 000	JUL	731 000
FEB	54 300	AUG	838 000
MAR	53 600	SEP	448 000
APR	123 000	OCT	214 000
MAY	303 000	NOV	157 000
JUN	720 000	DEC	140 000

TOTAL DISCHARGE, 3 840 000 dam³

NOMATHKO RIVER BELOW NOSTETUKO RIVER - STATION NO. 08CD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.20	5.00B	3.45B	3.85	18.0	48.1	41.5	71.0	38.8	19.7	10.2	9.39	1
2	4.38	4.40B	3.38B	3.88	18.9	51.9	38.4	68.9	37.7	17.7	10.0	14.5	2
3	4.42	4.00B	3.27B	3.85	17.8	54.8	38.5	68.1	35.8	17.4	10.8	14.5	3
4	4.38	3.85B	3.23B	3.83	18.9	57.4	36.3	60.0	37.3	18.2	11.7	14.8	4
5	3.81	3.70B	3.28B	3.85	30.9	64.9	36.1	59.9	32.4	17.6	10.7	13.0	5
6	3.60B	3.60B	3.36B	3.86	24.3	62.9	36.3	59.6	32.8	16.6	9.93	12.1	6
7	3.70B	3.55B	3.47	4.03	26.7	59.2	37.1	58.6	37.6	17.8	9.56	11.7	7
8	3.70B	3.50B	3.82	3.90	29.0	60.6	36.1	56.7	38.4	16.8	9.73	11.3	8
9	3.60B	3.48B	3.80	3.90	28.7	58.6	43.1	54.6	33.2	16.0	26.7	10.7	9
10	3.85B	3.45B	3.36	3.85A	26.9	56.8	46.4	45.6	31.0	16.1	29.9	9.95	10
11	4.00B	3.43B	3.84	3.89	21.8	54.1	52.5	40.0	31.9	14.4	17.7	10.3	11
12	4.31	3.42B	3.84	4.05	18.2	58.8	53.0	38.5	32.7	13.8	14.6	10.2	12
13	4.31	3.41B	3.73	4.26	18.1	59.7	59.9	41.0	34.7	12.8	13.3	10.2	13
14	4.05	3.40B	3.69	5.38	18.1	70.5	62.5	38.3	33.6	11.8	12.5	9.94	14
15	4.11	3.40B	3.71	8.33	19.4	59.5	60.9	36.4	29.6	11.3	12.0	10.2	15
16	4.18	3.45B	3.80	6.20	30.3	52.0	56.0	34.8	24.9	10.7	11.8	9.84	16
17	4.04	3.50B	3.80	5.88	20.6	47.7	55.8	35.2	21.7	11.8	11.2	9.57	17
18	3.88	3.60B	3.88	8.78	18.7	42.8	53.6	33.0	19.5	30.0	11.8	9.48	18
19	3.80	3.78B	3.80	6.15	18.8	38.8	51.5	32.6	18.9	17.4	12.8	9.18	19
20	4.07	3.83A	3.59	5.85	19.9	37.1	49.5	32.4	19.0	14.5	11.8	8.23	20
21	4.06	3.81	3.85	5.78	18.4	37.1	46.8	31.4	21.8	13.5	10.8	8.40	21
22	3.88	3.86	3.87	6.18	18.2	38.3	43.2	40.8	23.6	12.8	10.5	9.13	22
23	3.85B	3.89	3.86	6.36	18.2	45.9	43.4	44.6	25.1	12.4	10.6	8.89	23
24	3.76B	3.82	3.86	6.88	18.4	56.8	42.9	44.8	25.2	14.8	10.2	8.85	24
25	3.82	3.71	3.87	6.81	18.8	53.7	46.8	46.3	24.8	12.8	9.72	8.42	25
26	4.10	3.81	3.88	7.21	18.9	54.6	48.7	45.0	27.7	12.6	9.28	8.82	26
27	3.96	3.80B	3.81	7.85	18.2	50.3	53.3	43.9	28.8	11.9	9.47	8.47	27
28	3.78	3.85B	3.80	8.50	18.8	43.0	48.7	42.4	28.2	10.8	9.41	8.17	28
29	3.84		3.80	10.7	17.3	38.4	50.9	42.9	27.0	10.4	9.30	8.12	29
30	4.20A		3.89	13.4	24.7	42.2	57.3	43.8	24.2	10.3	9.26	7.77	30
31	7.00B		3.81		37.3		77.8	46.0		10.1		7.84	31
TOTAL	131.16	102.77	109.65	172.84	619.8	1 801.7	1 513.0	1 600.2	874.5	457.5	368.31	311.97	TOTAL
MEAN	4.23	3.67	3.54	5.75	20.0	53.4	48.8	51.8	29.2	14.8	12.3	10.1	MEAN
MAX	8.20	5.00	3.80	13.4	37.3	70.5	77.8	71.0	38.8	30.0	29.3	14.8	MAX
MIN	3.85	3.40	3.23	3.83	18.2	37.1	36.1	38.4	18.9	10.1	9.26	7.77	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 21.5
MAXIMUM DAILY, 77.8 ON JUL 31
MINIMUM DAILY, 3.23B ON MAR 4
MAXIMUM INSTANTANEOUS,
163 AT 09:59 PST ON JUL 31

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 26 16 N
LONG 124 30 26 W
DRAINAGE AREA, 1 550 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 300	JUL	131 000
FEB	8 880	AUG	138 000
MAR	9 470	SEP	75 600
APR	14 900	OCT	39 500
MAY	53 500	NOV	31 600
JUN	138 000	DEC	27 000

TOTAL DISCHARGE, 679 000 dam³

NOMATHKO RIVER BELOW NUDE CREEK - STATION NO. 08ED005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.52	8.00B	8.35B	8.50E	35.9	78.9	102	137	80.3	34.0	14.5	14.0	1
2	7.77	7.20B	8.33B	8.55E	35.7	86.8	98.7	126	78.6	30.3	14.6	21.9	2
3	7.78	8.60B	8.30B	8.40E	36.0	91.5	97.5	123	73.7	30.8	17.8	33.0	3
4	7.62	8.35B	8.45B	8.51	38.5	95.7	92.0	130	77.5	32.7	18.5	30.3	4
5	7.28	8.20B	8.80B	8.80	39.7	103	90.5	131	86.8	31.8	18.0	28.1	5
6	8.70B	8.00B	8.70B	8.02	48.4	103	84.4	120	87.9	30.0	18.3	21.8	6
7	8.80B	8.85B	8.89	8.44	48.8	100	86.8	128	78.0	33.2	14.8	20.4	7
8	8.85B	8.90B	8.00	8.13	49.4	105	88.6	130	76.8	28.8	16.2	19.3	8
9	8.75B	8.85B	8.05	8.02	48.3	102	111	113	70.3	33.7	83.5	17.2	9
10	7.00B	8.80B	8.03	8.41	43.4	104	116	103	83.0	32.1	83.4	16.5	10
11	7.40B	8.78B	8.87	8.88A	35.0	114	118	84.4	84.7	24.0	31.8	15.8	11
12	7.76	8.75B	8.85	7.85	30.2	120	118	82.8	88.8	21.8	24.8	15.4	12
13	7.80	8.70B	8.78	8.29	28.8	126	126	85.8	88.8	18.4	22.2	15.4	13
14	7.23	8.76B	8.86	12.0	29.8	134	124	91.8	85.8	17.0	19.8	15.2	14
15	7.08	8.80B	8.77	13.5	32.0	118	122	90.0	84.5	15.8	18.5	14.8	15
16	7.14	8.81B	8.70	11.8	33.7	114	117	128	83.6	15.2	17.7	14.7	16
17	8.85	8.83B	8.81	10.8	33.4	108	114	118	88.8	15.4	18.8	14.5	17
18	8.85	8.90B	8.82	11.0	28.8	100	112	126	82.3	88.4	18.0	13.8	18
19	8.88	8.00B	8.89	12.0	25.7	92.1	113	122	31.1	30.4	23.4	13.7	19
20	8.86	8.21B	8.82	13.8	23.7	86.3	114	121	34.0	24.0	19.2	13.0	20
21	8.73	8.10B	8.70	13.2	22.5	88.1	111	118	37.8	22.1	17.1	12.4	21
22	8.88	8.85B	8.89	12.3	21.6	92.7	107	102	42.3	19.8	15.8	13.7	22
23	8.81	8.85B	8.84	11.8	22.0	112	107	98.5	45.1	19.7	16.3	12.8	23
24	8.81	8.80B	8.88	12.4	22.5	123	108	88.0	45.7	24.0	15.8	12.7	24
25	8.86	8.70B	8.84	13.8	23.9	138	109	84.8	45.1	21.0	15.2	12.8	25
26	8.84	8.88B	8.85	14.8	24.8	127	111	94.8	48.4	19.7	14.8	13.4	26
27	8.80	8.80B	8.87	15.3	27.0	114	113	81.1	48.2	17.3	14.2	13.4	27
28	8.13	8.40B	8.81	17.6	28.4	106	112	88.8	48.3	16.1	14.1	12.3	28
29	7.08		8.80E	23.5	35.0	98.8	116	88.2	80.5	15.8	14.0	12.1	29
30	13.4		8.45E	28.8	48.4	107	127	88.7	42.1	15.8	13.8	12.0	30
31	9.00B		8.40E		70.8		143	88.0		14.8		11.9	31
TOTAL	226.17	186.46	175.03	330.80	1 088.8	3 200.7	3 436.3	3 380.8	1 889.1	788.8	595.4	513.4	TOTAL
MEAN	7.23	8.02	8.85	11.0	34.8	107	111	108	88.3	24.7	18.8	18.8	MEAN
MAX	13.4	8.00	8.05	28.8	70.8	138	143	137	80.3	88.4	83.8	32.0	MAX
MIN	8.81	8.40	8.30	8.40	21.8	78.8	80.8	88.8	31.1	14.8	13.8	11.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 42.8
MAXIMUM DAILY, 143 ON JUL 31
MINIMUM DAILY, 8.30B ON MAR 3
MAXIMUM INSTANTANEOUS,
234 AT 11:31 PST ON JUL 31

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 22 36 N
LONG 124 46 43 W
DRAINAGE AREA, 1 980 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	19 400	JUL	297 000
FEB	14 800	AUG	288 000
MAR	15 100	SEP	146 000
APR	28 800	OCT	66 200
MAY	82 300	NOV	51 400
JUN	277 000	DEC	44 400

TOTAL DISCHARGE, 1 340 000 dam³

HONNA RIVER NEAR THE MOUTH - STATION NO. 08DA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	11.1	1.44	0.335	0.252	0.188	0.065	---	---	---	1
2	---	---	---	10.2	1.32	0.288	0.231	0.133	0.068	---	---	---	2
3	---	---	---	8.50	1.06	0.277	0.201	0.113	0.277	---	---	---	3
4	---	---	---	6.09	0.871	0.243	0.176	0.112	1.51	---	---	---	4
5	---	---	---	3.96	0.824	0.261	0.183	0.123	0.697	---	---	---	5
6	---	---	---	2.83	0.858	0.252	0.210	0.137	0.369	---	---	---	6
7	---	---	---	2.11	0.897	0.218	0.214	0.123	0.260	---	---	---	7
8	---	---	---	1.83	1.18	0.184	0.210	0.102	0.203	---	---	---	8
9	---	---	---	1.61	1.02	0.184	0.184	0.108	0.161	---	---	---	9
10	---	---	---	1.48	0.846	0.182	0.140	0.139	0.119	---	---	---	10
11	---	---	---	1.73	0.722	0.147	0.118	0.188	0.082	---	---	---	11
12	---	---	---	1.63	0.481	0.210	0.102	0.184	0.071	---	---	---	12
13	---	---	---	1.58	0.678	0.311	0.102	0.140	0.078	---	---	---	13
14	---	---	---	1.58	0.583	0.491	0.082	0.133	0.088	---	---	---	14
15	---	---	---	1.83	0.894	0.890	0.098	0.123	0.082	---	---	---	15
16	---	---	---	1.33	0.886	0.471	0.110	0.112	0.082	---	---	---	16
17	---	---	---	1.38	0.738	0.808	0.128	0.087	0.082	---	---	---	17
18	---	---	---	1.42	0.438	0.830	0.187	0.087	0.051	---	---	---	18
19	---	---	---	2.86	0.432	1.41	0.262	0.097	0.038	---	---	---	19
20	---	---	---	6.37	0.432	0.788	0.262	0.087	0.047	---	---	---	20
21	---	---	---	5.63	0.370	3.09	0.262	0.087	0.071	---	---	---	21
22	---	---	---	3.33	0.370	1.20	0.807	0.092	0.078	---	---	---	22
23	---	---	---	3.23	0.370	0.871	0.708	0.118	0.088	---	---	---	23
24	---	---	---	1.80	0.264	0.808	0.422	0.087	0.088	---	---	---	24
25	---	---	---	1.61	0.329	0.320	0.338	0.087	0.088	---	---	---	25
26	---	---	---	1.88	1.08	0.422	0.238	0.092	0.078	---	---	---	26
27	---	---	---	1.45	1.10	0.388	0.222	0.087	0.062	---	---	---	27
28	---	---	---	1.32	0.544	0.288	0.193	0.078	0.112	---	---	---	28
29	---		---	1.28	0.481	0.294	0.178	0.088	0.155	---	---	---	29
30	---		---	1.44	0.481	0.288	0.147	0.078	0.188	---	---	---	30
31	---		---		0.361		0.184	0.072		---		---	31
TOTAL	---	---	---	88.88	21.448	16.818	8.818	3.425	5.875	---	---	---	TOTAL
MEAN	---	---	---	2.88	0.883	0.881	0.220	0.110	0.188	---	---	---	MEAN
MAX	---	---	---	11.1	1.44	3.09	0.708	0.188	1.51	---	---	---	MAX
MIN	---	---	---	1.28	0.264	0.147	0.082	0.072	0.081	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 15 12 N
LONG 132 08 11 W
DRAINAGE AREA, 48.3 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	888
FEB	---	AUG	296
MAR	---	SEP	490
APR	7 880	OCT	---
MAY	1 850	NOV	---
JUN	1 430	DEC	---

HORSEFLY RIVER ABOVE MCKINLEY CREEK - STATION NO. 08KH010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.90B	2.50B	2.60B	3.00B	46.5	83.2	38.2	12.0	13.3	5.72	8.86	10.0 B	1
2	4.00B	2.00B	2.90B	2.85B	44.7	73.4	34.6	15.7	13.5	5.83	8.83	10.1	2
3	4.00B	2.00B	2.90B	2.85B	44.9	69.8	33.0	23.6	12.3	5.56	13.2	10.3	3
4	4.10B	2.00B	2.80B	3.00B	46.1	70.5	32.8	21.1	11.8	5.48	26.8	10.8	4
5	4.00B	2.10B	2.70B	3.00B	50.6	76.4	30.7	17.8	12.8	5.47	21.7	10.6	5
6	3.90B	2.20B	2.60B	2.85B	58.0	78.7	28.5	15.5	12.0	5.92	19.0	8.80	6
7	3.70B	2.30B	2.80B	2.90B	67.8	73.3	26.3	14.1	11.2	5.78	17.2	9.13	7
8	3.40B	2.40B	3.00B	2.80B	67.8	68.6	27.9	13.6	10.5	5.56	15.4	9.14	8
9	3.50B	2.50B	3.10B	3.17A	74.3	78.6	28.4	12.8	9.78	5.41	18.4	8.80	9
10	3.80B	2.80B	3.20B	3.41A	81.8	74.7	26.1	12.7	9.15	5.18	30.8	8.00B	10
11	3.70B	2.60B	3.25B	3.86A	80.8	67.2	26.1	11.9	8.78	8.73	27.7	7.80B	11
12	3.70B	2.50B	3.30B	4.58A	72.8	67.7	26.1	11.0	8.40	8.80	23.2	7.00B	12
13	3.60B	2.60B	3.30B	5.32A	66.9	70.7	26.1	10.9	8.00	8.52	21.1	7.00B	13
14	3.50B	2.70B	3.25B	5.82A	63.1	78.8	26.9	12.2	7.88	8.61	20.1	7.00B	14
15	3.60B	2.80B	3.20B	6.70E	48.9	76.6	27.9	12.6	7.36	8.27	17.6	7.00B	15
16	3.85B	2.88B	3.10B	10.5 A	51.8	66.6	27.9	16.8	7.05	7.85	16.2	7.00B	16
17	3.67B	2.80B	3.05B	10.7 A	58.2	58.8	24.9	14.0	7.00	7.25	17.3	6.80B	17
18	3.80B	2.80B	3.00B	10.6 A	64.1	60.2	22.8	12.8	6.87	7.14	17.9	6.50B	18
19	3.70B	2.80B	3.00B	13.0 A	61.5	44.9	20.7	12.6	6.93	7.68	17.6	6.50B	19
20	3.70B	2.80B	3.05B	16.8 A	46.8	42.6	19.8	12.0	6.28	7.78	17.0	6.20B	20
21	3.80B	2.80B	3.10B	26.6	41.6	38.7	18.9	16.7	8.40	7.58	16.2	5.80B	21
22	3.80B	3.70B	3.15B	26.3	38.2	39.9	20.0	28.3	7.79	7.84	13.4	5.00B	22
23	3.80B	3.60B	3.20B	24.4	38.4	39.9	17.6	24.3	7.35	8.08	13.1	5.00B	23
24	3.80B	3.00B	3.25B	23.3	38.3	40.6	16.4	20.9	6.85	8.18	14.1	5.40B	24
25	3.80B	3.30B	3.25B	24.4	38.9	41.0	18.0	18.8	6.78	10.6	13.7	5.80B	25
26	3.70B	3.10B	3.20B	25.8	38.9	42.8	13.9	17.7	8.85	10.3	13.0 B	6.20B	26
27	3.80B	3.00B	3.25B	28.3	38.1	42.8	13.8	17.1	8.46	11.6	12.6 B	6.80B	27
28	3.80B	2.90B	3.30B	26.3	38.9	38.3	13.5	15.5	8.34	10.6	11.6 B	7.00B	28
29	3.40B		3.30B	33.6	37.8	34.5	12.7	14.4	8.08	9.84	11.2	6.80B	29
30	3.20B		3.25B	39.8	41.3	34.8	12.4	13.2	8.00	9.47	10.2	6.80B	30
31	3.00B		3.15B		53.0		12.0	12.7		8.98		6.20B	31
TOTAL	112.72	72.18	98.00	404.23	1 696.4	1 745.3	731.5	482.1	261.29	242.03	603.83	231.87	TOTAL
MEAN	3.64	2.58	3.10	13.5	51.5	58.2	23.3	15.6	8.71	7.81	18.6	7.47	MEAN
MAX	4.10	3.20	3.30	39.8	90.8	78.8	38.2	28.3	13.5	11.6	30.8	10.8	MAX
MIN	3.00	2.00	2.70	2.80	38.9	34.8	12.0	10.9	6.00	5.41	8.80	5.00	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.7
MAXIMUM DAILY, 90.8 ON MAY 11
MINIMUM DAILY, 2.00B ON FEB 2
MAXIMUM INSTANTANEOUS,
98.4 AT 07:43 PST ON MAY 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT. 52 17 23 N
LONG 121 03 37 W
DRAINAGE AREA, 785 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 740	JUL 63 300	
FEB	6 240	AUG 41 700	
MAR	8 280	SEP 22 800	
APR	34 900	OCT 20 900	
MAY	138 000	NOV 43 500	
JUN	151 000	DEC 20 000	

TOTAL DISCHARGE, 559 000 dam³

HOSMER CREEK ABOVE DIVERSIONS - STATION NO. 08HK026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.024	0.017B	0.020B	0.046	0.386	0.836	0.088	0.037	0.043	0.033	0.048	0.080	1
2	0.024	0.018B	0.018B	0.046	0.872	0.947	0.092	0.038	0.071	0.032	0.047	0.088	2
3	0.026	0.018B	0.018B	0.043	0.348	0.947	0.084	0.040	0.058	0.031	0.048	0.088	3
4	0.027B	0.017B	0.018B	0.042	0.347	0.875	0.080	0.038	0.052	0.028	0.053	0.090	4
5	0.025B	0.018B	0.019	0.041	0.538	0.974	0.078	0.035	0.084	0.029	0.048	0.083	5
6	0.022B	0.018B	0.019	0.085	1.13	1.11	0.071	0.035	0.064	0.029	0.048	0.085	6
7	0.020B	0.018B	0.020	0.148	1.38	1.08	0.068	0.034	0.061	0.030	0.047	0.077	7
8	0.020B	0.020B	0.016	0.141	1.27	0.888	0.064	0.033	0.061	0.028	0.048	0.078	8
9	0.020B	0.020B	0.013	0.117	1.26	0.904	0.063	0.036	0.064	0.034	0.063	0.072	9
10	0.021B	0.021B	0.048	0.117	1.23	0.883	0.073	0.036	0.057	0.034	0.892	0.082	10
11	0.024B	0.021B	0.036	0.139	1.03	0.342	0.085	0.033	0.063	0.033	0.774	0.073	11
12	0.027B	0.021B	0.032	0.183	0.783	0.316	0.080	0.031	0.060	0.048	0.304	0.070	12
13	0.028B	0.021B	0.033	0.182	0.408	0.316	0.093	0.032	0.046	0.072	0.231	0.084	13
14	0.029	0.020B	0.032	0.243	0.302	0.314	0.077	0.031	0.043	0.070	0.188	0.089	14
15	0.026	0.020B	0.033	0.494	0.303	0.301	0.087	0.034	0.041	0.051	0.160	0.087	15
16	0.027	0.018B	0.031	0.381	0.348	0.281	0.070	0.032	0.038	0.047	0.135	0.085	16
17	0.027	0.020B	0.033	0.211	0.806	0.243	0.067	0.038	0.036	0.043	0.118	0.084	17
18	0.024	0.021B	0.030	0.220	0.481	0.218	0.062	0.033	0.038	0.041	0.104	0.048	18
19	0.023	0.022B	0.028	0.278	0.286	0.212	0.060	0.031	0.037	0.038	0.108	0.048	19
20	0.023	0.024	0.026	0.502	0.245	0.183	0.058	0.032	0.036	0.068	0.120	0.047	20
21	0.022	0.023	0.028	0.989	0.230	0.169	0.053	0.045	0.035	0.108	0.137	0.047	21
22	0.022	0.024	0.029	0.662	0.234	0.147	0.050	0.045	0.035	0.108	0.118	0.048	22
23	0.021	0.022	0.032	0.447	0.320	0.136	0.048	0.037	0.034	0.081	0.107	0.047	23
24	0.022	0.021	0.035	0.282	0.305	0.135	0.045	0.041	0.034	0.080	0.097	0.043	24
25	0.022	0.021	0.040	0.233	0.284	0.159	0.044	0.039	0.033	0.078	0.090	0.043	25
26	0.022	0.021	0.058	0.198	0.242	0.134	0.044	0.078	0.033	0.073	0.081	0.042	26
27	0.022	0.020	0.072	0.168	0.232	0.120	0.043	0.074	0.032	0.068	0.077	0.041	27
28	0.021	0.021	0.085	0.177	0.218	0.115	0.041	0.062	0.032	0.064	0.078	0.040	28
29	0.021		0.080	0.208	0.208	0.111	0.038	0.053	0.032	0.059	0.070	0.038	29
30	0.021B		0.051	0.278	0.221	0.103	0.038	0.048	0.032	0.055	0.088	0.038	30
31	0.020B		0.050		0.255		0.037	0.046		0.051		0.037	31
TOTAL	0.725	0.583	1.071	7.489	15.873	13.089	1.927	1.257	1.340	1.664	4.300	1.772	TOTAL
MEAN	0.023	0.020	0.035	0.290	0.515	0.436	0.062	0.041	0.045	0.053	0.143	0.057	MEAN
MAX	0.029	0.024	0.072	0.989	1.38	1.11	0.088	0.078	0.071	0.108	0.774	0.093	MAX
MIN	0.020	0.018	0.018	0.041	0.208	0.103	0.037	0.031	0.032	0.028	0.048	0.037	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.140
MAXIMUM DAILY, 1.38 ON MAY 7
MINIMUM DAILY, 0.018B ON FEB 2
MAXIMUM INSTANTANEOUS,
1.60 AT 21:58 MST ON MAY 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT. 49 35 08 N
LONG 114 57 20 W
DRAINAGE AREA, 8.40 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	52.5	JUL 166	
FEB	46.8	AUG 106	
MAR	82.5	SEP 116	
APR	647	OCT 143	
MAY 1 380		NOV 372	
JUN 1 130		DEC 183	

TOTAL DISCHARGE, 4 420 dam³

HOWELL CREEK ABOVE CABIN CREEK - STATION NO. 08NP003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.630B	0.470B	0.470B	0.530	5.80E	7.00E	4.64	2.06	1.86	0.974	1.26	2.33	1
2	0.580B	0.490B	0.485B	0.538	6.85E	9.00E	4.37	2.04	2.30	0.972	1.22	2.26	2
3	0.740B	0.480B	0.440B	0.545	7.10E	10.7 E	4.22	2.03	2.30	0.964	1.16	2.22	3
4	0.700B	0.445B	0.450B	0.540	7.40E	11.2 E	4.04	2.00	2.07	0.976	1.33	2.25	4
5	0.650B	0.485B	0.488B	0.554	8.40E	11.7 E	3.83	1.84	2.06	0.988	1.31	2.85	5
6	0.615B	0.488B	0.480B	0.588	11.5 E	13.0 E	3.85	1.86	2.12	0.988	1.27	2.56	6
7	0.585B	0.480B	0.500B	0.584	14.0 E	13.5 A	3.70	1.80	1.98	0.958	1.26	2.46	7
8	0.570B	0.492B	0.535B	0.576	15.1 E	13.0	3.59	1.77	1.82	0.942	1.33	2.36	8
9	0.560B	0.500B	0.585B	0.591	14.8 E	12.6	3.48	1.78	1.74	0.938	1.33	2.27	9
10	0.550B	0.500B	0.590B	0.586	13.8 E	12.3	3.49	1.78	1.67	0.946	5.57	2.08	10
11	0.585B	0.488B	0.610E	0.718	12.1 E	11.2	3.45	1.76	1.58	0.926	13.3	1.848	11
12	0.570B	0.488B	0.605E	0.780	10.8 E	10.1	3.22	1.71	1.50	0.908	10.6	1.708	12
13	0.580B	0.500B	0.585E	0.840	9.65E	9.87	3.43	1.88	1.43	0.902	7.03	1.85	13
14	0.612B	0.502B	0.570E	1.27	8.80E	9.41	3.48	1.86	1.38	0.880	5.45	1.82	14
15	0.640B	0.508B	0.545E	2.37	8.30E	9.23	3.26	1.84	1.32	0.907	4.48	1.86	15
16	0.680B	0.500B	0.520E	4.03	8.50E	8.76	3.28	1.80	1.27	0.908	4.08	1.84	16
17	0.690B	0.488B	0.520E	3.86	8.48E	7.84	3.13	1.81	1.27	0.901	3.86	1.81	17
18	0.730B	0.493B	0.535E	3.60 E	8.20E	7.11	2.96	1.68	1.23	0.889	3.37	1.818	18
19	0.750B	0.500B	0.580E	3.75 E	8.20E	6.72	2.85	1.65	1.23	0.882	3.26	1.48	19
20	0.700B	0.505B	0.600E	5.42 E	7.40E	6.29	2.83	1.62	1.19	0.911	3.87	1.388	20
21	0.710B	0.512B	0.620E	8.00 E	6.80E	5.92	2.86	1.61	1.16	1.12	4.30	1.268	21
22	0.665B	0.520B	0.588A	11.2 E	7.00E	5.70	2.63	1.48	1.15	1.67	4.11	1.278	22
23	0.670B	0.528B	0.527	9.00 E	7.37E	5.48	2.56	1.47	1.11	1.68	3.72	1.288	23
24	0.658B	0.528B	0.540	6.80 E	7.05E	5.33	2.48	1.44	1.10	1.74	3.69	1.328	24
25	0.690B	0.528B	0.541	5.40 E	6.75E	5.41	2.44	1.64	1.08	1.71	3.39	1.34	25
26	0.665B	0.520B	0.542	4.80 E	6.50E	5.43	2.38	1.56	1.05	1.59	3.14	1.31	26
27	0.680B	0.505B	0.543	4.85 E	6.05E	5.27	2.35	1.76	1.03	1.67	2.91	1.26	27
28	0.700B	0.480B	0.541	4.00 E	5.80E	5.02	2.32	1.95	0.997	1.48	2.73	1.25	28
29	0.715B		0.538	3.80 E	5.55E	4.85	2.27	1.84	0.885	1.40	2.68	1.21	29
30	0.765B		0.554	4.30 E	5.40E	4.75	2.21	1.78	0.878	1.36	2.83	1.17	30
31	0.710B		0.530		5.40E		2.16	1.88		1.34		1.16	31
TOTAL	20.367	13.884	16.856	94.740	206.45	254.30	97.72	53.86	43.740	35.328	109.31	63.18	TOTAL
MEAN	0.657	0.498	0.537	3.16	6.80	8.48	3.15	1.73	1.46	1.14	3.84	1.72	MEAN
MAX	0.765	0.570	0.620	11.2	15.1	13.5	4.64	2.06	2.30	1.74	13.3	2.85	MAX
MIN	0.580	0.468	0.440	0.530	5.40	4.75	2.16	1.44	0.878	0.882	1.16	1.16	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.90
MAXIMUM DAILY, 15.1E ON MAY 6
MINIMUM DAILY, 0.440B ON MAR 3

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 41 N
LONG 114 33 09 W
DRAINAGE AREA, 145 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 780	JUL	8 440
FEB	1 210	AUG	4 630
MAR	1 440	SEP	3 780
APR	8 180	OCT	3 050
MAY	33 000	NOV	9 440
JUN	22 000	DEC	4 800

TOTAL DISCHARGE, 91 800 dam³

HYLAND RIVER NEAR LOWER POST - STATION NO. 10AB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	38.4B	29.0B	24.2B	20.6B	80.0B	448	208	126	76.6	76.6	35.7	35.2B	1
2	37.6B	28.5B	24.1B	20.0B	86.0B	485	196	125	76.6	74.6	36.6B	36.4B	2
3	37.2B	28.1B	24.0B	21.0B	115 B	436	203	124	74.7	72.0	36.0B	36.0B	3
4	36.7B	28.0B	24.0B	21.0B	150 B	413	224	123	73.6	71.0	40.0B	35.9B	4
5	36.0B	27.9B	23.8B	21.1B	190 B	447	239	130	73.4	76.3	39.0B	36.3B	5
6	35.9B	27.6B	23.4B	21.2B	226	514	213	118	74.0	80.1	38.6B	34.6B	6
7	35.2B	27.1B	23.1B	21.4B	266	581	182	116	73.3	80.1	38.2B	34.1B	7
8	35.1B	27.0B	23.0B	21.6B	260	551	188	116	72.6	86.3	37.8B	33.6B	8
9	35.0B	27.0B	22.6B	21.8B	286	482	184	122	70.8	84.3	37.4B	33.8B	9
10	35.0B	27.0B	22.6B	21.8B	309	432	184	122	70.6	85.2	37.0B	33.4B	10
11	35.1B	27.0B	22.6B	22.2B	323	412	190	120	88.9	84.7	36.8B	33.3B	11
12	35.6B	27.0B	22.2B	22.4B	298	412	203	116	87.4	81.6	36.8B	33.2B	12
13	36.0B	27.1B	22.1B	22.7B	261	411	196	113	86.5	79.3	36.4B	33.1B	13
14	36.0B	27.0B	22.0B	23.0B	229	440	187	108	86.2	76.5	36.6B	33.6B	14
15	36.0B	27.0B	22.0B	23.2B	208	838	177	106	86.4	86.2	37.0B	31.6B	15
16	36.6B	26.9B	22.0B	24.0B	206	847	172	106	86.6	82.3	36.7B	30.6B	16
17	36.3B	26.7B	22.0B	24.6B	216	808	166	107	84.1	81.8	36.4B	29.6B	17
18	36.0B	26.6B	22.0B	25.1B	232	446	167	104	83.1	84.1	36.2B	29.4B	18
19	36.0B	26.3B	22.0B	26.1B	205	382	160	98.6	82.2	84.8	36.1B	29.4B	19
20	36.0B	26.0B	22.0B	27.0B	191	318	144	96.8	82.0	82.0	36.0B	29.4B	20
21	34.2B	25.9B	21.8B	28.1B	188	300	147	94.6	82.2	87.6	35.6B	29.6B	21
22	34.0B	25.1B	21.6B	30.0B	200	286	161	93.8	82.6	86.3	35.2B	30.6B	22
23	33.0B	25.1B	21.6B	32.0B	230	274	177	93.6	83.6	86.1	35.1B	31.0B	23
24	32.0B	25.1B	21.6B	34.6B	241	276	182	91.7	88.0	83.4	35.1B	31.1B	24
25	31.8B	25.2B	21.6B	37.6B	266	274	178	90.4	72.3	83.9	35.2B	31.2B	25
26	31.6B	25.2B	21.1B	41.0B	281	276	173	87.0	75.5	81.1	35.2B	31.1B	26
27	31.6B	25.0B	21.0B	45.0B	289	272	164	84.4	77.1	84.2	35.3B	31.1B	27
28	31.7B	24.6B	21.0B	52.0B	286	267	155	82.8	75.4	47.0	35.2B	31.2B	28
29	31.0B		20.9B	58.0B	272	244	144	80.0	75.0	45.2	35.1B	30.7B	29
30	30.2B		20.7B	66.0B	302	234	138	79.2	75.6	44.0	35.1B	30.6B	30
31	29.6B		20.6B		308		132	78.1		43.0		30.4B	31
TOTAL	1 066.2	748.4	699.9	880.1	7 200.0	12 014	5 826	3 247.0	2 100.6	2 048.0	1 081.8	997.5	TOTAL
MEAN	34.6	26.6	22.3	28.3	232	400	176	105	70.0	66.0	36.1	32.2	MEAN
MAX	38.4	29.0	24.2	66.0	308	847	238	126	76.6	90.1	40.0	36.0	MAX
MIN	29.6	24.6	20.6	20.0	80.0	224	132	78.1	82.0	41.8	29.6	29.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 103
MAXIMUM DAILY, 847 ON JUN 16
MINIMUM DAILY, 20.0B ON MAR 31
MAXIMUM INSTANTANEOUS,
872 AT 20:13 PST ON JUN 16

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 57 03 N
LONG 126 58 03 W
DRAINAGE AREA, 8 450 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	92 300	JUL	477 000
FEB	64 400	AUG	261 000
MAR	59 800	SEP	181 000
APR	78 000	OCT	177 000
MAY	533 000	NOV	63 500
JUN	1 040 000	DEC	55 200

TOTAL DISCHARGE, 3 280 000 dam³

ILLECILLEWAET RIVER AT GREELEY - STATION NO. 08ND013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.2 B	10.3 B	5.00B	5.46	80.8	127	109	89.7	80.6	23.3	18.0	17.3	1
2	12.7 B	4.60B	4.80B	5.46	82.7	143	93.5	83.7	86.1	19.5	17.7	16.9	2
3	12.8 B	4.50B	5.00B	5.80	78.9	148	90.0	89.7	82.0	18.6	18.0	16.9	3
4	12.5 B	4.60B	5.30B	6.65	76.2	158	90.4	72.9	81.6	18.3	18.1	17.3	4
5	11.5 B	5.00B	5.46B	8.32	89.5	163	90.5	71.4	88.2	17.7A	17.8	16.6	5
6	10.5 B	5.40B	5.30B	9.78	125	213	88.8	77.3	44.9	17.2	18.8	16.1	6
7	7.70B	5.60B	5.10B	9.85	150	188	98.3	86.4	44.6	16.7	18.6	15.8	7
8	7.80B	5.55B	5.00B	10.2	142	171	104	82.6	42.6	17.3	19.0	15.3	8
9	8.00B	5.70B	5.00B	9.86	140	163	87.8	81.9	38.5	17.5	28.5	15.6	9
10	8.50B	5.80B	5.05B	10.6	152	169	90.4	77.2	35.6	41.9	77.3	14.9	10
11	8.80B	6.00B	5.40B	12.4	129	187	99.4	72.8	34.3	28.0	85.2	12.18	11
12	8.80B	6.00B	5.80B	16.1	97.3	181	102	71.3	38.3	27.4	47.0	12.78	12
13	8.80B	6.20B	6.20B	17.8	82.7	180	116	78.2	38.9	26.0	38.2	13.28	13
14	8.80B	6.40B	6.80B	24.4	78.1	263	124	74.1	42.1	22.3	36.2	14.1	14
15	8.80B	6.45B	7.20B	36.8	77.5	271	148	82.1	38.3	19.7	30.3	13.8	15
16	8.80B	6.50B	6.80B	34.8	82.0	197	138	86.8	34.2	17.9	28.8	13.4	16
17	8.78B	6.60B	6.10B	34.4	84.7	142	125	89.0	31.3	17.2	27.1	13.0	17
18	8.70B	6.50B	6.80B	33.8	83.2	119	108	85.0	28.7	17.2	26.1	11.6	18
19	8.80B	6.50B	6.80B	37.3	72.4	132	107	84.2	24.6	17.7	25.8	11.58	19
20	8.80B	6.70B	6.50B	38.8	83.3	108	128	80.7	23.5	17.4	26.2	11.68	20
21	9.40B	7.00B	8.00B	46.8	88.6	82.7	116	84.0	23.6	20.4	24.8	10.78	21
22	8.00B	7.34B	8.30B	46.8	85.3	88.6	88.7	87.8	27.0	26.3	22.6	10.38	22
23	7.70B	7.00B	8.80B	42.7	86.2	107	81.5	74.4	30.8	22.7	21.4	11.88	23
24	7.00B	8.60B	8.78	43.7	81.2	110	82.1	81.8	30.6	27.0	21.8	13.58	24
25	6.70B	8.50B	7.02	42.8	88.6	108	80.2	88.1	30.6	26.2	21.3	13.5	25
26	7.40B	8.50B	7.44	42.4	88.7	128	81.7	86.2	32.6	23.3	19.7	12.9	26
27	8.00B	8.55B	7.86	43.3	86.4	120	81.0	83.7	31.0	23.4	18.1	12.6	27
28	8.80B	8.30B	8.50	46.1	86.2	88.1	84.5	48.7	28.9	21.7	16.7	12.3	28
29	8.80B		8.78	86.0	83.0	88.2	80.6	84.7	31.2	18.6	16.3	11.9	29
30	8.21B		8.84	88.6	78.7	86.8	82.3	81.0	28.8	18.6	17.8	11.7	30
31	10.0 B		8.86		87.8		83.7	88.6		18.4		11.6	31
TOTAL	284.46	174.78	185.00	659.61	2 882.1	4 486.8	3 128.3	2 206.0	1 112.4	666.3	808.5	422.8	TOTAL
MEAN	9.50	6.24	6.29	28.7	85.9	150	101	71.2	37.1	21.5	26.9	13.6	MEAN
MAX	12.8	10.3	8.76	86.8	152	271	148	97.8	80.6	41.9	77.3	17.3	MAX
MIN	6.70	4.50	4.80	8.46	86.3	86.3	80.2	48.7	23.5	16.7	17.7	10.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 46.6
MAXIMUM DAILY, 271 ON JUN 16
MINIMUM DAILY, 4.60B ON FEB 3
MAXIMUM INSTANTANEOUS,
301 AT 04:34 PST ON JUN 16

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 00 49 N
LONG 116 04 57 W
DRAINAGE AREA, 1 170 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	38 400	JUL	270 000
FEB	15 100	AUG	191 000
MAR	15 800	SEP	98 100
APR	74 300	OCT	57 600
MAY	230 000	NOV	69 700
JUN	388 000	DEC	36 500

TOTAL DISCHARGE, 1 470 000 dam³

INCOMAPPLEUX RIVER NEAR BEATON - STATION NO. 08NE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.2 B	8.60B	8.05B	12.8	85.1	116	127	116	70.2	26.0	20.8	20.7	1
2	10.3 B	8.65B	7.12B	12.3	87.1	137	108	108	73.4	23.4	20.4	20.0	2
3	10.7 B	8.60B	8.18B	12.1	83.4	146	86.3	106	84.7	23.2	21.0	20.5	3
4	10.8	8.65B	8.00B	12.2	78.0	152	88.0	84.2	87.6	23.3	21.8	21.7	4
5	11.5	8.80B	7.80B	13.2	81.5	172	87.6	81.3	83.4	22.8	21.0	20.8	5
6	10.7	8.45B	7.40B	14.8	126	214	88.3	81.2	48.7	20.4	24.0	20.1	6
7	10.6	8.60B	7.20B	15.5	154	184	108	102	47.8	20.1	24.4	19.5	7
8	10.5 B	8.60B	7.10B	15.0	148	189	113	88.3	47.7	19.4	28.1	19.8	8
9	10.4	8.55B	7.18B	15.0	143	188	92.8	100	43.5	19.2	35.3	19.4	9
10	10.3 B	8.40B	7.20B	15.5	152	175	88.7	84.8	38.4	41.1	108	18.1	10
11	10.3	8.45B	7.60B	17.0	129	174	117	89.4	36.4	32.1	83.7	17.0	11
12	10.2	8.40B	8.20B	18.5	98.0	180	117	88.3	37.9	32.3	67.1	16.9	12
13	10.3	8.35B	8.87	23.2	83.3	201	137	100	42.5	28.8	46.5	16.9	13
14	10.1	8.20B	9.86	30.8	78.0	320	137	84.8	48.4	26.1	41.4	16.3	14
15	10.1	8.10B	9.17	46.3	78.6	387	108	86.3	44.7	22.8	38.0	16.2	15
16	9.80B	8.05B	8.81	46.3	83.4	231	183	78.2	38.6	21.1	34.6	15.6	16
17	9.86	8.00B	8.58	41.6	86.6	161	148	89.4	31.4	20.0	31.3	15.3	17
18	10.1 B	8.00B	8.46	41.2	86.6	131	122	89.6	26.8	19.8	30.0	14.4	18
19	10.3	8.00B	8.36	46.4	78.0	180	124	77.7	26.8	20.1	30.8	14.2	19
20	10.8	7.85B	8.41	48.3	88.6	126	190	72.0	24.9	20.4	32.2	15.0	20
21	10.5	7.70B	9.00	88.0	81.2	101	144	88.4	28.5	28.6	33.1	14.6	21
22	9.75	7.85B	9.46	85.2	86.6	102	110	116	31.2	30.7	28.4	14.4	22
23	9.65B	7.80B	9.43	82.0	89.9	113	86.8	87.8	37.4	26.2	27.8	14.6	23
24	9.45B	7.55B	9.82	82.4	81.4	118	90.3	70.8	38.4	34.1	27.0	14.4	24
25	9.40B	7.22	10.0	82.8	88.4	117	85.3	87.4	38.4	30.9	28.1	14.0	25
26	9.40B	8.40	10.5	80.9	86.5	126	98.1	84.7	38.2	26.8	24.4	13.8	26
27	9.45B	8.18	11.5	80.4	85.6	132	111	75.8	38.2	26.0	23.4	13.5	27
28	9.40B	8.08	12.9	81.7	86.8	86.1	120	86.0	34.3	25.4	22.8	13.4	28
29	9.30B		13.2	80.2	82.1	83.8	112	78.1	37.1	23.8	22.3	13.2	29
30	9.10B		13.3	78.8	72.3	106	116	82.3	36.7	23.1	21.4	13.1	30
31	8.70B		12.9		83.3		116	86.3		21.8		12.8	31
TOTAL	311.86	223.19	281.18	1 046.2	2 708.3	4 883.9	3 830.3	2 883.6	1 268.6	782.3	1 004.7	509.8	TOTAL
MEAN	10.1	7.97	9.07	34.8	87.4	162	117	88.9	42.3	25.2	33.5	16.4	MEAN
MAX	11.5	8.85	13.3	70.9	154	387	196	116	73.4	41.1	108	21.7	MAX
MIN	8.70	8.08	8.05	12.1	88.6	93.8	92.8	89.6	24.9	19.2	20.4	12.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 83.8
MAXIMUM DAILY, 387 ON JUN 16
MINIMUM DAILY, 8.05B ON MAR 1
MAXIMUM INSTANTANEOUS,
467 AT 05:05 PST ON JUN 16

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 46 35 N
LONG 117 40 35 W
DRAINAGE AREA, 1 020 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	27 000	JUL	314 000
FEB	19 300	AUG	230 000
MAR	24 300	SEP	110 000
APR	80 300	OCT	67 000
MAY	234 000	NOV	86 800
JUN	419 000	DEC	44 000

TOTAL DISCHARGE, 1 670 000 dam³

INGENIKA RIVER ABOVE SWANNELL RIVER - STATION NO. 07EA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.50	11.50	9.900	10.40	42.7	310	109	55.7	43.1	71.7	39.3	22.10	1
2	13.50	11.20	9.650	10.50	53.3	282	124	58.7	42.7	62.4	38.6	22.30	2
3	13.50	11.10	9.800	10.60	66.5	262	136	58.3	41.5	55.8	30.1	22.20	3
4	13.40	11.00	9.700	11.10	81.6	261	141	52.5	40.3	53.1	30.3	22.10	4
5	13.30	11.00	9.900	11.30	102	337	132	49.9	40.9	53.7	29.9	22.00	5
6	13.90	10.90	10.2 E	11.70	118	284	117	55.7	39.9	52.4	29.1	21.80	6
7	13.80	10.80	10.3 E	11.80	133	247	127	58.6	38.1	48.7	28.1	21.30	7
8	13.40	10.70	10.3 E	12.20	144	228	126	52.7	36.5	46.5	27.2	20.70	8
9	12.30	10.60	10.2 E	12.30	155	237	111	48.6	38.3	47.6	27.0	20.10	9
10	12.20	10.60	10.1 E	12.50	154	224	102	51.3	34.1	48.9	26.70	19.80	10
11	12.20	10.50	10.0 E	12.60	142	228	96.4	58.0	32.9	47.8	23.50	19.30	11
12	12.40	10.50	10.2 E	12.60	123	243	86.8	57.1	31.8	46.1	17.10	19.20	12
13	12.40	10.40	10.4 E	12.80	105	264	83.1	51.6	30.5	42.6	14.40	19.10	13
14	12.30	10.30	10.3 E	13.00	100	267	78.6	51.2	30.0	41.2	13.80	19.10	14
15	12.20	10.30	10.1 E	13.20	114	246	77.0	52.3	29.4	38.9	15.30	19.20	15
16	12.10	10.20	9.950	13.60	138	181	74.4	52.1	28.6	34.7	17.00	19.10	16
17	12.40	10.20	9.800	13.80	133	180	71.0	57.2	30.0	34.7	18.50	18.80	17
18	12.50	10.10	9.700	13.80	117	147	72.4	59.8	30.0	37.7	22.10	18.30	18
19	12.50	10.10	9.650	14.00	110	138	78.8	57.9	30.3	37.8	22.90	17.80	19
20	12.50	10.00	9.630	14.10	107	136	77.4	51.6	33.4	37.6	22.70	17.30	20
21	12.10	10.00	9.630	14.60	101	131	72.7	56.0	36.2	36.2	21.90	16.80	21
22	12.00	10.00	9.630	15.60	98.1	126	67.6	56.6	50.3	37.0	21.60	16.20	22
23	12.00	10.10	9.600	16.00	91.2	126	66.9	50.6	50.1	35.6	21.30	16.00	23
24	12.20	10.20	9.800	16.40	98.1	136	64.9	51.0	45.0	34.3	21.10	15.90	24
25	12.30	10.40	9.870	17.40	103	137	61.2	57.3	41.0	33.4	21.10	15.20	25
26	12.60	10.50	9.750	19.20	108	141	58.4	53.5	38.4	33.7	21.10	15.80	26
27	12.70	10.50	9.650	21.30	110	161	56.5	50.5	38.4	33.4	21.20	17.20	27
28	12.70	10.40	9.900	24.40	120	130	52.2	48.4	36.0	30.4	21.30	17.80	28
29	12.40		10.0 E	27.70	148	112	55.8	46.3	44.8	30.4	21.80	17.80	29
30	12.30		10.1 E	33.80	238	106	57.7	44.2	76.4	31.7	21.80	17.80	30
31	11.80		10.2 E		304		53.7	42.3		30.4		17.70	31
TOTAL	387.8	284.1	307.48	486.0	3 782.8	6 017	2 867.0	1 700.8	1 186.2	1 313.4	889.8	586.1	TOTAL
MEAN	12.5	10.5	9.92	15.2	121	201	86.7	54.8	38.5	42.4	23.0	18.0	MEAN
MAX	13.5	11.5	10.4	33.5	304	337	141	59.8	76.4	71.7	39.3	22.3	MAX
MIN	11.8	10.0	9.60	10.4	42.7	106	82.2	42.3	29.4	30.4	13.8	16.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 53.0
MAXIMUM DAILY, 337 ON JUN 5
MINIMUM DAILY, 9.600 ON MAR 3
MAXIMUM INSTANTANEOUS,
366 AT 16:11 PST ON JUN 5

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 43 37 N
LONG 125 06 38 W
DRAINAGE AREA, 4 200 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	33 500	JUL	232 000
FEB	25 400	AUG	147 000
MAR	26 500	SEP	99 900
APR	38 300	OCT	113 000
MAY	324 000	NOV	55 600
JUN	520 000	DEC	50 800

TOTAL DISCHARGE, 1 870 000 dam³

INGENIKA RIVER ABOVE SWANNELL RIVER - STATION NO. 07EA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.596	0.183	0.384	1.05	13.2	14.2	4.12	0.812	1.64	0.828	0.838	1.41	1
2	0.640	0.382	0.387	1.04	20.0	18.3	4.72	0.801	1.45	0.821	0.865	1.40	2
3	0.658	0.458	0.382	1.01	18.7	14.4	4.01	0.867	1.56	0.840	1.03	1.40	3
4	0.670	0.462	0.388	0.988	18.8	14.0	3.48	0.880	1.34	0.838	1.04	1.42	4
5	0.666	0.485	0.373	1.09	18.8	13.7	3.08	0.836	1.67	0.817	1.47	1.46	5
6	0.636	0.448	0.386	1.17	22.5	13.0	2.80	0.795	1.58	0.818	1.33	1.43	6
7	0.584	0.448	0.382	1.30	17.8	12.2	2.72	0.763	1.41	0.808	1.34	1.37	7
8	0.426	0.428	0.380	1.42	16.4	12.1	2.60	0.744	1.30	0.808	1.37	1.38	8
9	0.588	0.418	0.384	1.44	16.0	12.8	2.33	0.880	1.26	0.867	1.86	1.39	9
10	0.610	0.418	0.412	1.50	31.3	11.7	2.87	1.02	1.22	0.898	3.02	1.33	10
11	0.595	0.418	0.480	1.82	20.8	10.1	2.84	0.838	1.16	0.835	3.87	1.19	11
12	0.576	0.412	0.482	1.87	16.4	9.35	2.24	0.815	1.10	0.710	2.88	1.21	12
13	0.566	0.418	0.688	2.30	13.6	8.76	2.14	0.828	1.05	0.898	2.27	1.29	13
14	0.562	0.416	0.886	2.08	12.7	8.76	2.01	0.870	0.993	0.838	2.21	1.28	14
15	0.585	0.412	0.802	4.16	12.2	11.9	1.87	1.02	0.948	0.720	1.86	1.21	15
16	0.572	0.417	0.565	4.84	12.2	10.1	1.87	1.09	0.912	0.832	2.03	1.18	16
17	0.585	0.395	0.548	4.81	12.0	8.27	1.78	1.28	0.884	0.837	1.88	1.20	17
18	0.566	0.410	0.548	4.58	12.4	7.27	1.70	1.08	0.897	0.843	1.82	1.13	18
19	0.548	0.417	0.567	8.05	11.6	7.47	1.80	1.08	0.880	0.838	1.78	1.06	19
20	0.544	0.428	0.575	7.40	10.3	8.86	1.80	1.04	0.857	0.834	1.74	1.14	20
21	0.538	0.398	0.836	9.08	9.84	8.31	1.84	1.02	0.834	0.740	1.73	1.08	21
22	0.498	0.384	0.873	8.47	9.81	8.49	1.43	1.30	0.802	1.03	1.81	1.08	22
23	0.383	0.414	0.844	7.81	9.26	8.00	1.34	1.40	0.781	1.68	1.83 E	1.11	23
24	0.488	0.383	0.705	7.44	9.07	8.47	1.26	1.09	0.748	2.78	1.82 E	1.11	24
25	0.5308	0.398	0.773	7.48	8.82	8.12	1.20	1.03	0.727	1.68	1.83 E	1.08	25
26	0.5288	0.388	0.871	7.21	8.88	4.88	1.16	1.42	0.728	1.38	1.84 E	1.04	26
27	0.5208	0.384	0.848	7.14	8.78	4.42	1.08	1.88	0.713	1.33	1.47 E	1.04	27
28	0.512	0.393	1.04	7.47	10.1	3.88	1.03	1.31	0.883	1.23	1.43 E	1.03	28
29	0.508		1.07	8.89	9.83	3.85	0.983	1.22	0.876	1.08	1.42 E	1.00	29
30	0.528		1.07	10.3	11.0	3.78	0.908	1.12	0.880	1.10	1.43	0.977	30
31	0.490		1.07		12.8		0.880	1.14		0.988		0.887	31
TOTAL	17.239	11.408	16.888	133.500	432.10	273.34	64.893	32.263	31.708	27.941	52.133	37.434	TOTAL
MEAN	0.556	0.407	0.513	4.45	13.9	9.11	2.06	1.04	1.06	0.901	1.74	1.21	MEAN
MAX	0.670	0.485	1.07	10.3	31.3	18.3	4.72	1.88	1.67	2.78	3.87	1.46	MAX
MIN	0.383	0.183	0.382	0.988	8.82	3.78	0.880	0.744	0.880	0.687	0.838	0.877	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.10
MAXIMUM DAILY, 31.3 ON MAY 10
MINIMUM DAILY, 0.183 ON FEB 1
MAXIMUM INSTANTANEOUS,
36.8 AT 10:37 PST ON MAY 10

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 52 N
LONG 118 11 24 W
DRAINAGE AREA, 288 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 480	JUL	5 580
FEB	985	AUG	3 700
MAR	1 640	SEP	3 740
APR	11 600	OCT	2 410
MAY	37 300	NOV	4 500
JUN	23 800	DEC	3 230

TOTAL DISCHARGE, 97 800 dam³

INKONDAKLIN CREEK NEAR THE MOUTH - STATION NO. 08NE127

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	4.70	0.978	1.76	0.808	1.59	---	1
2	---	---	---	---	---	---	5.34	0.972	1.80	0.793	1.53	---	2
3	---	---	---	---	---	---	4.86	1.02	1.86	0.788	1.48	---	3
4	---	---	---	---	---	---	4.53	1.18	1.71	0.788	1.47	---	4
5	---	---	---	---	---	---	4.08	1.08	1.83	0.793	---	---	5
6	---	---	---	---	---	---	3.71	0.968	1.88	0.788	---	---	6
7	---	---	---	---	---	---	3.37	0.905	1.88	0.782	---	---	7
8	---	---	---	---	---	---	3.08	0.855	1.85	0.782	---	---	8
9	---	---	---	---	---	---	2.82	0.917	1.80	0.785	---	---	9
10	---	---	---	---	---	---	2.97	1.18	1.43	0.788	---	---	10
11	---	---	---	---	---	---	3.23	1.12	1.34	0.778	---	---	11
12	---	---	---	---	---	---	2.82	0.947	1.29	0.833	---	---	12
13	---	---	---	---	---	---	2.57	0.935	1.24	0.888	---	---	13
14	---	---	---	---	---	---	2.44	1.01	1.19	1.07	---	---	14
15	---	---	---	---	---	---	2.38	1.04	1.15	1.00	---	---	15
16	---	---	---	---	---	---	2.28	1.26	1.10	0.893	---	---	16
17	---	---	---	---	---	---	2.14	1.34	1.08	0.833	---	---	17
18	---	---	---	---	---	---	2.03	1.34	1.04	0.823	---	---	18
19	---	---	---	---	---	---	1.98	1.20	1.03	0.838	---	---	19
20	---	---	---	---	---	---	1.80	1.21	1.01	0.858	---	---	20
21	---	---	---	---	---	---	1.76	1.16	0.981	0.888	---	---	21
22	---	---	---	---	---	---	1.66	1.36	0.978	1.10	---	---	22
23	---	---	---	---	---	---	1.56	1.61	0.980	1.27	---	---	23
24	---	---	---	---	---	---	1.46	1.43	0.954	2.00	---	---	24
25	---	---	---	---	---	---	1.36	1.21	0.938	2.21	---	---	25
26	---	---	---	---	---	---	1.30	1.38	0.905	2.13	---	---	26
27	---	---	---	---	---	---	1.27	1.72	0.888	2.05	---	---	27
28	---	---	---	---	---	---	1.21	1.59	0.868	1.94	---	---	28
29	---		---	---	---	---	1.17	1.46	0.845	1.86	---	---	29
30	---		---	---	---	---	1.10	1.36	0.827	1.73	---	---	30
31	---		---		---		1.03	1.27		1.66		---	31
TOTAL	---	---	---	---	---	---	77.90	36.988	37.803	35.680	---	---	TOTAL
MEAN	---	---	---	---	---	---	2.51	1.19	1.25	1.15	---	---	MEAN
MAX	---	---	---	---	---	---	5.34	1.72	1.88	2.21	---	---	MAX
MIN	---	---	---	---	---	---	1.03	0.868	0.827	0.788	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 48 52 N
LONG 116 06 16 W
DRAINAGE AREA, 377 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	6 730
FEB	---	AUG	3 200
MAR	---	SEP	3 260
APR	---	OCT	3 070
MAY	---	NOV	---
JUN	---	DEC	---

DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

NATURAL FLOW

ISKUT RIVER ABOVE SNIPPAKER CREEK - STATION NO. 08CE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	32.48	33.08	32.38	30.48	420E	950	830E	840E	370	257	101	75.2	1
2	32.68	30.08	32.08	31.58	440E	837	810E	820E	348	227	127	89.6	2
3	32.38	28.48	32.08	32.58	630E	831	730E	740E	413	270	168	88.4	3
4	32.08	27.58	32.18	36.6	525E	1 020	700E	720E	487	353	178	101	4
5	30.88	27.08	32.88	36.3	630E	1 180	710E	700E	418	383	183	102	5
6	29.38	27.38	32.78	35.0	570E	988	810E	840E	418	399	138	84.5	6
7	27.78	27.88	32.88	33.7A	840E	889	810E	805E	484	367	125	87.0	7
8	27.28	28.08	32.28	35.0E	780E	887	720E	660E	488	348	118	83.3	8
9	27.28	28.48	32.18	38.0E	810E	893	630E	600E	418	352	113	78.8	9
10	27.68	29.08	32.08	40.0E	550E	927	590E	470E	381	331	108	70.8	10
11	28.38	29.68	31.08	50.0E	429A	834	630E	520E	388	388	94.5	72.5	11
12	32.08	30.38	31.08	68.0E	383	1 010	490E	480E	388	328	81.0	73.0	12
13	33.38	30.98	31.08	62.0E	381	1 040	485E	770E	362	301	83.8	72.4	13
14	33.78	31.28	31.08	70.0E	357	1 200	550E	775E	323	184	78.5	76.4	14
15	31.78	31.48	31.18	74.0E	394	1 060	700E	785E	278	184	80.2	77.7	15
16	31.28	31.78	31.18	82.0E	459	852	600E	780E	242	147	86.8	78.8	16
17	33.08	32.18	31.08	90.0E	384	739	570E	687A	188	184	82.2	71.8	17
18	34.08	32.88	30.88	97.0E	362	748A	640E	658	173	181	88.7	67.5	18
19	33.78	32.98	30.88	120 E	349	680E	618E	631	228	188	83.8	68.7	19
20	32.08	33.28	30.88	140 E	338	600E	760E	658	388	187	86.8	68.8	20
21	30.08	33.48	31.08	170 E	323	540E	600E	589	514	148	80.2	62.3	21
22	28.08	33.88	31.08	185 E	384	548E	550E	606	503	137	78.1	68.8	22
23	28.38	34.08	31.08	200 E	388	520E	550E	605	518	128	78.8	60.4	23
24	30.28	33.88	31.08	214 E	411	740E	570E	571	408	118	78.8	70.8	24
25	35.08	33.78	30.88	220 E	408	920E	900E	536	382	132	88.0	80.0	25
26	42.08	33.38	30.48	225 E	401	780E	805E	525	358	120	86.8	105	26
27	44.08	33.08	30.88	250 E	418	888A	850E	526	340	113	72.1	108	27
28	44.08	32.68	30.68	300 E	513	710E	600E	531	308	107	82.8	91.7	28
29	43.08		30.38	340 E	582	770E	780E	516	287	107	87.8	84.8	29
30	38.08		30.38	375 E	588	810E	760E	480	318	106	81.8	80.8	30
31	36.08		30.48		595		810E	428		98.8		83.8	31
TOTAL	1 023.7	870.0	970.1	3 888.4	15 322	25 389	23 488	19 820	11 182	8 804.8	3 003.1	2 474.5	TOTAL
MEAN	33.0	31.1	31.3	132	494	847	757	830	373	213	100	79.8	MEAN
MAX	44.0	34.0	32.7	375	595	1 200	905	840	518	883	188	108	MAX
MIN	27.3	27.0	30.3	30.6	323	840	480	428	173	98.8	68.8	62.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 311
MAXIMUM DAILY, 1 200 ON JUN 14
MINIMUM DAILY, 27.08 ON FEB 6
MAXIMUM INSTANTANEOUS,
1 270 AT 08:24 PST ON JUN 5

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 41 55 N
LONG 130 52 23 W
DRAINAGE AREA, 7 230 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	88 400	JUL	2 030 000
FEB	75 200	AUG	1 600 000
MAR	83 800	SEP	888 000
APR	317 000	OCT	871 000
MAY	1 320 000	NOV	269 000
JUN	2 190 000	DEC	214 000

TOTAL DISCHARGE, 9 800 000 dam³

ISKUT RIVER AT OUTLET OF KINASKAN LAKE - STATION NO. 08CE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.658	6.008	3.158	3.008	7.17	38.8	61.6	53.3	31.4	18.1	12.8	9.808	1
2	6.558	5.858	3.108	3.008	8.10	43.4	61.7	52.5	30.1	17.7	12.5	9.858	2
3	6.488	5.708	3.088	3.018	8.08	45.4	63.2	51.3	28.1	17.9	12.4	9.358	3
4	6.358	5.558	3.068	3.018	10.4	46.4	66.1	49.9	26.0	18.7	12.3	9.258	4
5	6.208	5.428	3.068	3.028	12.0	53.0	67.7	48.7	27.7	18.6	12.2	9.148	5
6	6.158	5.258	3.048	3.028	13.8	56.0	68.2	48.0	26.6	18.7	12.2	8.908	6
7	6.108	5.058	3.038	3.068	16.4	57.3	60.6	47.0	26.1	18.2	12.1	8.408	7
8	6.058	4.808	3.018	3.108	18.4	57.6	61.0	46.0	25.6	18.6	12.2	8.108	8
9	6.038	4.758	3.008	3.138	22.8	57.6	62.2	44.6	25.0	18.2	12.2	8.088	9
10	6.028	4.708	2.988	3.178	26.1	58.8	64.6	43.2	24.1	18.1	11.8	8.008	10
11	6.018	4.668	2.968	3.218	26.6	59.7	64.6	42.3	23.3	18.0	11.7 E	8.008	11
12	6.048	4.558	2.978	3.258	26.8	60.3	65.1	41.6	22.7	17.8	11.4 E	8.008	12
13	6.078	4.408	2.978	3.318	27.2	62.3	65.6	41.6	22.0	17.7	11.3 E	7.988	13
14	6.108	4.258	2.988	3.378	27.0	63.6	64.4	40.6	21.2	17.8	11.2 E	7.908	14
15	6.138	4.088	2.988	3.438	27.1	64.7	63.1	40.3	20.6	17.0	11.1 E	7.808	15
16	6.178	3.958	2.988	3.538	27.4	64.3	60.7	39.6	20.0	16.7	11.0 E	7.688	16
17	6.198	3.808	2.988	3.808	27.8	61.8	58.7	38.3	19.8	16.6	11.0 E	7.608	17
18	6.218	3.708	2.988	3.728	28.0	60.4	57.0	38.6	19.2	16.6	11.0 E	7.408	18
19	6.258	3.628	2.988	3.668	28.4	58.0	55.4	37.8	18.4	16.3	11.0 E	7.388	19
20	6.308	3.558	2.978	3.958	28.3	55.1	55.0	37.3	17.9	15.9	10.9 E	7.308	20
21	6.328	3.478	2.978	4.088	25.0	52.8	54.9	37.2	18.3	15.6	10.6 E	7.288	21
22	6.358	3.428	2.978	4.258	25.6	50.6	56.4	37.5	18.4	15.2	10.7 E	7.208	22
23	6.438	3.368	2.978	4.408	25.5	50.0	56.4	37.5	18.6	14.6	10.6 E	7.208	23
24	6.438	3.378	2.988	4.608	25.3	50.0	56.4	37.6	18.6	14.3	10.4 E	7.188	24
25	6.468	3.338	2.988	4.748	25.3	51.2	58.6	37.3	18.1	14.1	10.3 E	7.188	25
26	6.448	3.288	2.988	4.88	25.2	52.4	57.7	36.4	18.4	14.0	10.3 E	7.108	26
27	6.438	3.258	2.988	5.20	25.2	52.4	56.3	35.7	18.3	13.7	10.2 E	7.088	27
28	6.408	3.238	2.988	5.51	25.7	52.3	55.0	34.8	18.0	13.1	10.1 E	6.888	28
29	6.378		2.988	5.86	27.0	51.8	54.6	34.0	18.3	12.8	10.0 E	6.888	29
30	6.308		2.988	6.44	30.2	51.6	53.6	33.1	18.3	13.1	9.908	6.788	30
31	6.188		2.988		34.6		53.4	32.3		12.9		6.888	31
TOTAL	194.07	130.43	92.92	116.87	709.46	1 643.3	1 806.1	1 277.5	681.6	506.4	337.40	242.79	TOTAL
MEAN	6.26	4.30	3.00	3.86	22.8	54.8	58.3	41.2	22.1	16.3	11.2	7.83	MEAN
MAX	6.65	6.00	3.15	6.44	34.6	64.7	65.6	53.3	31.4	18.7	12.8	9.80	MAX
MIN	6.01	3.22	2.88	3.00	7.17	38.8	51.6	32.3	17.9	12.9	9.80	6.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 21.1
MAXIMUM DAILY, 65.6 ON JUL 13
MINIMUM DAILY, 2.888 ON MAR 14
MAXIMUM INSTANTANEOUS,
67.0 AT 21:45 PST ON JUL 12

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 32 00 N
LONG 130 12 28 W
DRAINAGE AREA, 1 260 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	16 800	JUL	156 000
FEB	10 400	AUG	110 000
MAR	8 030	SEP	57 200
APR	10 000	OCT	43 800
MAY	61 300	NOV	28 200
JUN	142 000	DEC	21 000

TOTAL DISCHARGE, 886 000 dam³

ISKUT RIVER BELOW JOHNSON RIVER - STATION NO. 08CE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	86.0B	85.0B	80.0B	32.6B	638	1 290	1 330	1 410	813	518	188	148	1
2	86.0B	81.0B	48.0B	32.6	808	1 180	1 260	1 340	680	446	281	194	2
3	87.0B	88.0B	48.0B	34.6	888	1 050	1 240	1 300	693	633	485	241	3
4	86.6B	86.6B	46.0B	36.2	851	1 270	1 060	1 210	1 060	1 030	473	246	4
5	86.0B	84.6B	44.0B	39.6	853	1 470	1 300	1 160	872	726	376	242	5
6	83.0B	83.0B	43.6B	38.6	878	1 300	1 340	1 030	778	686	308	208	6
7	80.0B	82.0B	42.0B	38.0	788	1 130	1 330	1 010	880	737	288	184	7
8	88.0B	81.0B	42.6B	38.0	878	1 120	1 120	938	847	781	244	182	8
9	88.6B	78.0B	42.0B	40.4	1 010	1 140	1 010	817	821	721	220	143	9
10	82.0B	78.0B	41.6B	43.3	808	1 180	956	786	727	707	201	124	10
11	86.0B	77.0B	41.0B	50.0	827	1 310	842	838	882	558	186	108	11
12	87.0B	76.0B	40.6B	61.6	838	1 310	788	1 150	884	474	177	106	12
13	84.0B	75.0B	40.0B	87.7	880	1 360	784	1 320	813	403	166	108	13
14	84.0B	73.0B	40.0B	78.8	888	1 630	1 000	1 270	868	348	168	133	14
15	87.6B	71.0B	38.0B	97.1	891	1 480	1 140	1 400	820	286	313	128	15
16	87.6B	69.0B	38.6B	103	881	1 180	1 340	1 400	488	288	1 080	118	16
17	88.0B	68.6B	38.6B	112	828	884	1 480	1 270	378	306	1 270	110	17
18	70.6B	83.0B	38.0B	124	488	888	1 340	1 200	288	423	784	101	18
19	71.0B	82.0B	38.6B	137	488	804	1 320	1 080	448	341	288	92.4	19
20	70.6B	80.0B	38.0B	161	444	784	1 260	1 120	884	285	187	88.8	20
21	88.0B	88.6B	36.0B	188	430	731	1 380	1 180	1 120	282	148	80.6	21
22	86.6B	88.0B	37.6B	221	448	788	1 440	1 030	1 080	233	138	74.3	22
23	88.0B	88.6B	36.6B	238	488	882	1 380	1 026	1 040	212	132	74.1	23
24	87.0B	87.6B	36.0B	260	518	1 130	1 800	930	888	188	188	126	24
25	88.0B	87.0B	36.6B	272	524	1 380	1 610	888	877	304	118	232	25
26	105 B	88.6B	36.0B	274	618	1 200	1 630	871	878	187	108	273	26
27	130 B	84.6B	34.6B	287	624	1 020	1 480	803	844	186	116	217	27
28	127 B	83.0B	33.6B	363	638	1 180	1 300	818	884	173	227	181	28
29	130 B		33.0B	416	603	1 240	1 270	886	734	170	182	133	29
30	110 B		32.6B	470	1 000	1 320	1 380	826	637	171	188	148	30
31	101 B		33.0B		1 260		1 260	721		188		178	31
TOTAL	2 386.6	1 886.1	1 228.6	4 388.6	18 708	34 682	38 747	33 228	21 348	12 788	8 862	4 873.3	TOTAL
MEAN	78.3	71.2	39.6	146	638	1 160	1 260	1 070	712	412	301	181	MEAN
MAX	130	88.0	80.0	470	1 260	1 630	1 630	1 410	1 130	1 030	1 270	273	MAX
MIN	88.0	83.0	32.6	32.6	430	731	784	721	388	188	108	74.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 804
MAXIMUM DAILY, 1 630 ON JUN 14
MINIMUM DAILY, 32.6B ON MAR 30
MAXIMUM INSTANTANEOUS,
1 680 AT 20:00 PST ON JUN 14

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 44 20 N
LONG 131 40 25 W
DRAINAGE AREA, 8 380 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	206 000	JUL	3 280 000
FEB	173 000	AUG	2 670 000
MAR	106 000	SEP	1 640 000
APR	377 000	OCT	1 100 000
MAY	1 700 000	NOV	761 000
JUN	2 980 000	DEC	404 000

TOTAL DISCHARGE, 15 800 000 dam³

JOE ROSS CREEK NEAR THE MOUTH - STATION NO. 08LF084

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.230E	0.498	0.261	0.080	0.001	0.078	0.011	---	---	1
2	---	---	---	0.225E	0.811	0.224	0.074	0.030	0.085	0.011	---	---	2
3	---	---	---	0.220E	0.568	0.181	0.081	0.083	0.081	0.010	---	---	3
4	---	---	---	0.215E	0.811	0.184	0.080	0.081	0.087	0.011	---	---	4
5	---	---	---	0.216E	0.427	0.139	0.080	0.077	0.083	0.018	---	---	5
6	---	---	---	0.220E	0.374	0.123	0.041	0.088	0.078	0.014	---	---	6
7	---	---	---	0.245E	0.387	0.108	0.034	0.064	0.088	0.013	---	---	7
8	---	---	---	0.260E	0.324	0.091	0.032	0.038	0.085	0.012	---	---	8
9	---	---	---	0.270E	0.288	0.108	0.032	0.028	0.047	0.012	---	---	9
10	---	---	---	0.290E	0.294	0.110	0.032	0.023	0.038	0.019	---	---	10
11	---	---	---	0.310E	0.485	0.088	0.028	0.020	0.035	0.031A	---	---	11
12	---	---	---	0.320E	0.820	0.078	0.024	0.016	0.030	---	---	---	12
13	---	---	---	0.340E	0.554	0.085	0.022	0.014	0.027	---	---	---	13
14	---	---	---	0.370E	0.484	0.088	0.024	0.012	0.024	---	---	---	14
15	---	---	---	0.400E	0.380	0.081	0.038	0.012	0.028	---	---	---	15
16	---	---	---	0.410E	0.358	0.081	0.040	0.029	0.018	---	---	---	16
17	---	---	---	0.440E	0.483	0.083	0.031	0.044	0.023	---	---	---	17
18	---	---	---	0.470E	0.584	0.084	0.024	0.085	0.038	---	---	---	18
19	---	---	---	0.488A	0.661	0.085	0.018	0.083	0.022	---	---	---	19
20	---	---	---	0.598	0.848	0.084	0.014	0.080	0.021	---	---	---	20
21	---	---	---	0.841	0.731	0.073	0.012	0.078	0.018	---	---	---	21
22	---	---	---	0.548	0.632	0.078	0.012	0.078	0.018	---	---	---	22
23	---	---	---	0.551	0.548	0.074	0.011	0.085	0.015	---	---	---	23
24	---	---	---	0.558	0.535	0.081	0.009	0.085	0.014	---	---	---	24
25	---	---	---	0.488	0.815	0.081	0.007	0.074	0.013	---	---	---	25
26	---	---	---	0.500	0.581	0.044	0.006	0.072	0.013	---	---	---	26
27	---	---	---	0.519	0.537	0.083	0.004	0.084	0.012	---	---	---	27
28	---	---	---	0.508	0.490	0.088	0.003	0.082	0.011	---	---	---	28
29	---		---	0.488	0.425	0.088	0.002	0.043	0.010	---	---	---	29
30	---		---	0.458	0.383	0.084	0.002	0.050	0.010	---	---	---	30
31	---		---		0.300		0.001	0.048		---		---	31
TOTAL	---	---	---	11.852	15.465	2.884	0.815	1.566	1.110	---	---	---	TOTAL
MEAN	---	---	---	0.385	0.488	0.088	0.028	0.051	0.037	---	---	---	MEAN
MAX	---	---	---	0.841	0.848	0.381	0.080	0.081	0.081	---	---	---	MAX
MIN	---	---	---	0.215	0.288	0.044	0.001	0.001	0.010	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.848 ON MAY 20

MAXIMUM INSTANTANEOUS,
0.898 AT 08:30 PST ON MAY 20

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 08 10 N
LONG 120 51 21 W
DRAINAGE AREA, 101 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	70.5
FEB	---	AUG	137
MAR	---	SEP	98.9
APR	1 020	OCT	---
MAY	1 340	NOV	---
JUN	350	DEC	---

JUMP CREEK AT THE MOUTH - STATION NO. 08NB041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.83	10.2	2.67	5.21	5.67	0.461	1.02	1.09	1.53	0.893	1.66	7.95E	1
2	9.33	9.66	2.30	5.36	5.96	0.459	1.66	1.01	1.55	1.01	2.45	7.40E	2
3	13.0	4.80	1.81	5.69	5.85	0.459	1.75	0.872	1.55	0.859	3.14	34.8 E	3
4	18.6	3.43E	1.72	5.34	6.13	0.824	1.66	0.888	1.55	1.02	3.87	40.0 E	4
5	10.6	2.98E	1.69	5.44	5.67	1.33	1.32	0.888	1.54	1.00	3.69	31.0 E	5
6	6.89	2.42E	2.60	10.6	5.37	1.80	1.16	0.883	1.26	1.02	3.71	18.6 E	6
7	6.86	2.00E	3.08	10.6	5.32	1.61	1.05	0.866	0.822	1.01	4.17	17.6 E	7
8	3.76	1.72E	3.08	5.86	5.84	1.52	0.921	0.870	0.908	1.01	5.53	16.6 E	8
9	3.24	1.43E	3.31	5.86	5.24	1.40	0.848	0.861	0.916	1.00	16.0	15.6 E	9
10	2.78	1.37E	5.63	4.91	4.48	1.25	0.816	0.891	0.908	0.976	33.7 E	11.6 E	10
11	3.39	1.28E	11.2	3.94	3.70	1.31	1.10	0.867	0.916	1.86	18.2	9.00E	11
12	3.84	1.19E	14.6	2.92	3.22	1.06	1.10	0.859	0.921	2.86	10.3	8.38E	12
13	5.31	1.16	10.6	3.76	3.18	0.736	1.08	0.859	0.916	2.90	8.40E	8.65E	13
14	4.89	1.11E	7.83	5.76	3.07	0.747	1.10	0.861	0.901	2.87	8.00E	8.20E	14
15	3.82	1.07E	6.64	8.14	3.04	0.784	1.10	0.872	0.897	2.88	7.40E	4.86E	15
16	6.26	1.04	4.86	8.20	3.00	0.834	1.08	0.936	0.911	3.13	6.86E	4.86E	16
17	18.6	1.06	3.88	8.80	3.08	0.836	1.11	1.04	0.923	1.01	6.78E	4.41E	17
18	14.6	1.06	3.66	6.71	2.88	0.888	1.10	1.06	0.910	0.825	6.70E	4.19E	18
19	10.1	1.06	3.26	5.00	2.87	0.858	1.06	1.06	0.858	0.780	6.61E	3.86E	19
20	7.38	1.07	3.06	5.47	3.00	0.886	1.08	1.06	0.906	0.810	7.10E	3.73E	20
21	8.32	1.07	3.44	10.3	2.98	0.874	1.10	1.06	0.884	0.893	10.6 E	3.86E	21
22	8.27	4.71	4.21	7.84	2.98	0.884	1.08	1.06	0.908	1.86	13.1 E	3.41E	22
23	4.33	12.6	4.21	6.49	2.81	0.875	1.08	1.06	0.912	3.88	12.0 E	3.35E	23
24	3.66	9.72	3.80	4.13	1.98	0.843	1.08	1.06	0.824	5.84	12.6 E	3.30E	24
25	3.16	6.86	3.66	2.71	0.747	0.837	1.10	1.11	0.814	8.19	11.8 E	3.28E	25
26	2.87	4.88	3.88	2.76	0.871	0.848	1.08	1.23	1.82	12.4	11.2 E	3.19E	26
27	2.84	3.48	5.68	3.33	0.836	0.807	1.10	1.24	3.37	10.3	10.4 E	3.11E	27
28	2.80	3.03	7.30	3.63	0.882	0.783	1.08	1.36	3.37	7.06	9.80E	3.03E	28
29	2.78		8.28	3.28	0.848	0.718	1.08	1.52	3.42	5.17	9.68E	2.88E	29
30	11.8		8.30	4.77	0.841	0.780	1.08	1.56	1.00	3.81	9.28E	2.88E	30
31	17.8		8.28		0.806		1.10	1.86		2.06		3.84E	31
TOTAL	217.61	93.80	149.63	178.37	104.248	28.306	35.075	32.384	38.298	90.886	271.82	281.73	TOTAL
MEAN	7.03	3.34	4.83	5.86	3.38	0.944	1.13	1.04	1.28	2.93	9.06	9.41	MEAN
MAX	18.6	12.6	14.6	10.6	6.37	1.81	1.75	1.56	3.37	12.4	32.7	40.0	MAX
MIN	2.36	1.04	1.72	2.71	0.806	0.461	0.848	0.858	0.884	0.780	1.86	2.84	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.30
MAXIMUM DAILY, 40.0E ON DEC 4
MINIMUM DAILY, 0.461 ON JUN 1
MAXIMUM INSTANTANEOUS,
54.6 ON DEC 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 02 12 N
LONG 134 09 55 W
DRAINAGE AREA, 82.3 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1974

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	18 800	JUL	3 030
FEB	8 080	AUG	2 800
MAR	12 900	SEP	3 310
APR	15 500	OCT	7 850
MAY	9 010	NOV	23 500
JUN	2 480	DEC	25 200

TOTAL DISCHARGE, 132 000 dam³

JUNCTION CREEK NEAR LILLOOET - STATION NO. 08ME036

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.088E	0.109	0.234	0.239	0.178	0.185	0.193	---	---	1
2	---	---	---	0.088E	0.114	0.267	0.227	0.220	0.183	0.181	---	---	2
3	---	---	---	0.087E	0.117	0.288	0.215	0.213	0.182	0.184A	---	---	3
4	---	---	---	0.088A	0.114	0.281	0.217	0.189	0.186	---	---	---	4
5	---	---	---	0.074	0.118	0.307	0.218	0.189	0.181	---	---	---	5
6	---	---	---	0.078	0.123	0.303	0.209	0.185	0.182	---	---	---	6
7	---	---	---	0.081	0.128	0.298	0.203	0.185	0.187	---	---	---	7
8	---	---	---	0.084	0.135	0.306	0.211	0.182	0.188	---	---	---	8
9	---	---	---	0.087	0.140	0.288	0.215	0.173	0.188	---	---	---	9
10	---	---	---	0.088	0.144	0.288	0.222	0.188	0.188	---	---	---	10
11	---	---	---	0.081	0.148	0.288	0.218	0.172	0.182	---	---	---	11
12	---	---	---	0.082	0.154	0.287	0.209	0.187	0.178	---	---	---	12
13	---	---	---	0.083	0.158	0.284	0.208	0.180	0.181	---	---	---	13
14	---	---	---	0.088	0.161	0.278	0.198	0.187	0.178	---	---	---	14
15	---	---	---	0.084	0.166	0.270	0.192	0.174	0.174	---	---	---	15
16	---	---	---	0.080	0.170	0.268	0.188	0.181	0.184	---	---	---	16
17	---	---	---	0.071	0.183	0.267	0.195	0.188	0.182	---	---	---	17
18	---	---	---	0.078	0.188	0.258	0.188	0.174	0.177	---	---	---	18
19	---	---	---	0.076	0.189	0.253	0.182	0.171	0.178	---	---	---	19
20	---	---	---	0.081	0.198	0.248	0.182	0.184	0.174	---	---	---	20
21	---	---	---	0.087	0.203	0.244	0.183	0.183	0.173	---	---	---	21
22	---	---	---	0.087	0.205	0.241	0.180	0.181	0.171	---	---	---	22
23	---	---	---	0.088	0.212	0.234	0.183	0.184	0.171	---	---	---	23
24	---	---	---	0.091	0.218	0.238	0.178	0.189	0.172	---	---	---	24
25	---	---	---	0.088	0.217	0.238	0.181	0.181	0.188	---	---	---	25
26	---	---	---	0.098	0.218	0.243	0.184	0.180	0.188	---	---	---	26
27	---	---	---	0.088	0.238	0.238	0.184	0.181	0.170	---	---	---	27
28	---	---	---	0.105	0.217	0.238	0.178	0.188	0.188	---	---	---	28
29	---		---	0.105	0.218	0.237	0.177	0.188	0.188	---	---	---	29
30	---		---	0.105	0.223	0.234	0.180	0.170	0.184	---	---	---	30
31	---		---		0.228		0.180	0.181		---	---	---	31
TOTAL	---	---	---	2.807	5.341	7.933	6.146	5.401	5.388	---	---	---	TOTAL
MEAN	---	---	---	0.084	0.172	0.264	0.198	0.174	0.179	---	---	---	MEAN
MAX	---	---	---	0.105	0.228	0.307	0.228	0.220	0.188	---	---	---	MAX
MIN	---	---	---	0.065	0.109	0.234	0.178	0.189	0.184	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.307 ON JUN 5

MAXIMUM INSTANTANEOUS,
0.313 AT 23:30 PST ON JUN 5

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 57 36 N
LONG 122 18 13 W
DRAINAGE AREA, 88.4 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	531
FEB	---	AUG	467
MAR	---	SEP	484
APR	217	OCT	---
MAY	681	NOV	---
JUN	855	DEC	---

KALAMALKA LAKE AT VERNON PUMPHOUSE - STATION NO. 08NM143

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.235	0.244	0.258	0.322	0.481	0.634	0.601	0.470	0.417	0.403	0.385	0.388	1
2	0.235	0.238	0.257	0.324	0.487	0.632	0.602	0.471	0.438	0.388	0.388	0.388	2
3	0.233	0.231	0.258	0.328	0.500	0.626	0.605	0.468	0.434	0.384	0.382	0.389	3
4	0.236	0.228	0.257	0.327	0.508	0.626	0.607	0.462	0.474	0.381	0.388	0.371	4
5	0.237	0.224	0.259	0.335	0.518	0.621	0.601	0.448	0.433	0.389	0.374	0.370	5
6	0.238	0.228	0.258	0.340	0.534	0.615	0.488	0.448	0.430	0.387	0.374	0.373	6
7	0.238	0.227	0.258	0.342	0.540	0.607	0.488	0.444	0.430	0.387	0.387	0.377	7
8	0.233	0.226	0.258	0.340	0.547	0.602	0.493	0.441	0.428	0.385	0.388	0.377	8
9	0.234	0.228	0.256	0.341	0.552	0.599	0.488	0.442	0.427	0.381	0.370	0.382	9
10	0.240	0.228	0.258	0.343	0.566	0.594	0.483	0.440	0.426	0.381	0.389	0.380	10
11	0.240	0.229	0.260	0.343	0.574	0.587	0.481	0.437	0.424	0.377	0.388	0.378	11
12	0.241	0.228	0.269	0.344	0.574	0.581	0.477	0.434	0.423	0.372	0.387	0.377	12
13	0.241	0.229	0.278	0.347	0.574	0.574	0.477	0.433	0.423	0.388	0.388	0.377	13
14	0.238	0.234	0.261	0.352	0.578	0.570	0.478	0.430	0.423	0.388	0.384	0.381	14
15	0.245	0.238	0.260	0.358	0.581	0.578	0.482	0.438	0.421	0.382	0.381	0.380	15
16	0.248	0.238	0.263	0.358	0.583	0.574	0.500	0.432	0.417	0.389	0.382	0.380	16
17	0.248	0.238	0.268	0.374	0.580	0.582	0.498	0.434	0.415	0.381	0.388	0.383	17
18	0.248	0.241	0.267	0.368	0.581	0.584	0.493	0.432	0.412	0.388	0.388	0.385	18
19	0.251	0.244	0.282	0.388	0.584	0.588	0.491	0.432	0.408	0.388	0.388	0.382	19
20	0.249	0.247	0.284	0.412	0.601	0.538	0.483	0.434	0.407	0.388	0.383	0.378	20
21	0.251	0.249	0.286	0.429	0.600	0.530	0.481	0.431	0.408	0.387	0.388	0.380	21
22	0.253	0.248	0.301	0.438	0.601	0.522	0.482	0.434	0.408	0.388	0.388	0.383	22
23	0.252	0.250	0.304	0.447	0.612	0.513	0.480	0.427	0.408	0.388	0.387	0.380	23
24	0.253	0.257	0.305	0.454	0.626	0.506	0.477	0.426	0.407	0.388	0.388	0.378	24
25	0.253	0.258	0.308	0.458	0.627	0.500	0.472	0.421	0.408	0.383	0.385	0.381	25
26	0.254	0.258	0.313	0.464	0.627	0.488	0.469	0.418	0.408	0.384	0.382	0.382	26
27	0.250	0.261	0.316	0.468	0.630	0.488	0.471	0.417	0.408	0.388	0.383	0.382	27
28	0.254	0.260	0.317	0.473	0.626	0.478	0.478	0.418	0.408	0.388	0.387	0.383	28
29	0.255		0.320	0.476	0.638	0.478	0.477	0.415	0.408	0.383	0.388	0.383	29
30	0.253A		0.320	0.483	0.637	0.484	0.474	0.412	0.408	0.382	0.388	0.385	30
31	0.250		0.320		0.637		0.472	0.412		0.380		0.387	31
MEAN	0.245	0.239	0.284	0.387	0.580	0.550	0.487	0.438	0.418	0.373	0.385	0.379	MEAN
MAX	0.255	0.261	0.320	0.483	0.638	0.634	0.507	0.471	0.438	0.403	0.374	0.367	MAX
MIN	0.232	0.224	0.254	0.322	0.481	0.478	0.488	0.412	0.408	0.388	0.388	0.388	MIN

WATER LEVELS IN METRES

MEAN, 0.387
MAXIMUM DAILY, 0.638 ON MAY 29
MINIMUM DAILY, 0.224 ON FEB 6
MAXIMUM INSTANTANEOUS,
0.884 AT 20:40 PST ON MAY 26

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 381.122 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 13 47 N
LONG 119 16 26 W

A - MANUAL GAUGE

REGULATED SINCE 1967

KAMLOOPS LAKE NEAR KAMLOOPS - STATION NO. 08LF088

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.023	0.837E	0.723	0.783	2.846	4.857	4.885	3.483	2.888	1.852	1.893	1.825	1
2	1.014	0.804E	0.727	0.810	3.080	4.886	4.795	3.443	2.869	1.837	1.873	1.788	2
3	1.018	0.788E	0.888	0.822	3.324	5.123	4.778	3.453	2.924	1.813	1.858	1.777	3
4	1.008	0.731E	0.871	0.827	3.531	5.380	4.741	3.487	2.878	1.878	1.849	1.785	4
5	1.001	0.708E	0.888	0.838	3.888	5.534	4.693	3.543	2.834	1.830	1.897	1.783	5
6	1.000	0.690E	0.858	0.847	3.833	5.881	4.870	3.538	2.790	1.778	1.881	1.748	6
7	0.988	0.683E	0.870	0.858	4.037	5.624	4.808	3.485	2.783	1.738	1.898	1.738	7
8	0.974	0.688E	0.877	0.872	4.338	5.948	4.485	3 440	2.725	1.705	1.705	1.738	8
9	0.948	0.707E	0.881	0.880	4.814	5.988	4.414	3.410	2.887	1.874	1.707	1.735	9
10	0.922	0.712A	0.880	0.905	4.843	5.948	4.388	3.382	2.819	1.847	1.722	1.728	10
11	0.915	0.717	0.881	0.920	5.118	5.888	4.308	3.387	2.874	1.820	1.762	1.708	11
12	0.902	0.718	0.888	0.932	5.378	5.858	4.253	3.317	2.828	1.808	1.843	1.884	12
13	0.835	0.718	0.705	0.951	5.808	5.838	4.238	3.288	2.478	1.828	2.084	1.857	13
14	0.885	0.717	0.700	0.978	5.442	5.831	4.180	3.188	2.431	1.881	2.188	1.838	14
15	0.971	0.720	0.703	1.023	5.288	6.014	4.180	3.170	2.404	1.883	2.185	1.811	15
16	0.974	0.725	0.702	1.083	5.080	6.234	4.235	3.178	2.384	1.845	2.184	1.801	16
17	0.973	0.707	0.688	1.188	4.958	6.467	4.332	3.210	2.378	1.817	2.138	1.885	17
18	0.888	0.702	0.887	1.274	4.888	6.478	4.380	3.256	2.388	1.888	2.112	1.887	18
19	0.870	0.888	0.884	1.371	5.053	6.248	4.304	3.237	2.338	1.888	2.083	1.845	19
20	0.972	0.888	0.888	1.434	5.073	5.887	4.221	3.188	2.297	1.828	2.074	1.803	20
21	0.881	0.880	0.700	1.544	5.000	5.713	4.138	3.184	2.247	1.801	2.083	1.438	21
22	0.888	0.878	0.708	1.882	4.872	5.487	4.074	3.211	2.188	1.884	2.040	1.388	22
23	0.844	0.888	0.712	1.872	4.730	5.318	4.021	3.387	2.181	1.478	2.017	1.321	23
24	0.820	0.718	0.718	2.042	4.630	5.188	3.948	3.588	2.112	1.818	1.882	1.318	24
25	0.804	0.728	0.723	2.174	4.552	5.102	3.838	3.583	2.080	1.852	1.888	1.348	25
26	0.872	0.723	0.738	2.281	4.508	5.048	3.721	3.517	2.088	1.803	1.940	1.377	26
27	0.883	0.720	0.748	2.388	4.487	5.022	3.824	3.422	2.037	1.888	1.824	1.408	27
28	0.887	0.782	0.780	2.448	4.817	5.028	3.848	3.333	2.018	1.718	1.889	1.418	28
29	0.873		0.772	2.548	4.828	5.051	3.810	3.238	2.001	1.735	1.882	1.428	29
30	0.872		0.774	2.988	4.833	4.978	3.808	3.148	1.883	1.737	1.858	1.432	30
31	0.888		0.780		4.887		3.488	3.088		1.717		1.417	31
MEAN	0.947	0.721	0.708	1.373	4.848	5.801	4.208	3.345	2.440	1.873	1.908	1.578	MEAN
MAX	1.023	0.837	0.780	2.888	5.808	6.478	4.888	3.583	2.888	1.982	2.188	1.825	MAX
MIN	0.883	0.878	0.888	0.783	2.848	4.887	3.488	3.088	1.883	1.478	1.848	1.318	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 2.430
MAXIMUM DAILY, 6.478 ON JUN 18
MINIMUM DAILY, 0.688 ON MAR 8
MAXIMUM INSTANTANEOUS,
6.512 AT 22:58 PST ON JUN 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 42 28 N
LONG 120 32 03 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 338.178 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

KANAKA CREEK NEAR WEBSTER CORNERS - STATION NO. 08MH078

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.19	1.90 B	1.00 E	13.0 E	1.38	1.51	1.73	0.279	0.319	0.128	0.828	1.87	1
2	3.83	0.740B	0.775E	18.0 E	1.88	1.41	1.72	2.71	0.287	0.126	0.730	4.88	2
3	18.4	0.610B	0.820E	8.75E	1.36	1.28	0.898	1.84	0.275	0.116	13.8	10.1	3
4	7.82	0.550B	0.800E	13.0 E	1.20	1.07	0.742	0.818	0.253	0.120	18.8	24.8	4
5	3.48	0.520B	1.80 E	17.0 E	1.18	0.944	0.572	0.488	0.263	0.121	3.88	8.88	5
6	2.40	0.480B	5.00 E	13.4 E	1.48	0.781	0.470	0.358	0.241	0.121	11.8	7.34	6
7	1.78	0.458B	3.80 E	7.00E	1.34	0.688	0.402	0.243	0.218	0.121	8.88	8.27	7
8	1.48	0.458B	3.00 E	5.00E	1.28	0.801	0.884	0.238	0.180	0.128	28.8	8.38	8
9	2.30	0.438B	3.80 E	4.00E	1.04	0.878	0.801	0.212	0.187	0.124	80.8	4.78	9
10	2.33	0.428B	3.00E	3.00E	0.838	0.808	0.410	0.201	0.188	0.888	82.8	3.10	10
11	1.73	0.418B	8.00 E	2.80E	1.88	0.831	0.380	0.182	0.168	8.12	8.31	2.21	11
12	3.73	0.408B	8.20 E	2.20E	1.22	0.832	0.308	0.188	0.140	2.31	8.27	1.74	12
13	8.03	0.388B	8.00 E	2.27A	0.781	0.834	0.280	0.184	0.138	3.18	4.72	1.48	13
14	2.82	0.380B	4.40 E	2.48	0.888	2.77	0.267	0.330	0.140	1.70	4.72	1.27	14
15	5.08	0.388B	3.10 E	2.12	0.867	0.934	0.280	0.337	0.138	0.838	2.78	1.11	15
16	37.0	0.430B	2.20 E	1.88	1.01	0.817	0.298	1.18	0.137	0.878	2.83	1.01	16
17	13.8	0.480B	2.00 E	1.40	1.70	0.887	0.338	0.741	0.172	0.488	2.78	0.922	17
18	14.8	0.540B	1.80 E	1.88	8.24	0.783	0.283	0.480	0.188	1.02	2.77	0.838	18
19	5.88	0.800B	1.78 E	2.81	4.41	3.21	0.248	0.388	0.150	0.838	8.78	1.11	19
20	4.43	1.17 B	1.88 E	3.82	2.08	2.87	0.227	0.833	0.140	0.882	17.8	3.38	20
21	4.84	1.48	3.21 E	2.47A	1.38	1.22	0.211	13.2	0.134	2.03	12.8	2.38	21
22	3.40	8.18	3.04 E	1.84	1.14	0.844	0.201	4.42	0.132	2.14	4.81	2.05	22
23	2.38	5.84	2.20 E	1.34	4.82	0.885	0.184	1.87	0.128	4.18	4.82	2.13	23
24	1.87	3.81	1.82 E	1.48	18.8	0.871	0.172	0.888	0.122	7.81	7.20	1.74	24
25	1.82	2.34	7.00 E	1.78	8.84	0.493	0.188	0.710	0.121	2.17	8.88	1.42	25
26	1.87	1.71	10.0 E	1.83	4.82	0.438	0.184	0.718	0.218	8.24	8.30	1.23	26
27	2.38	1.81 A	13.8 E	1.83	12.8	0.885	0.144	0.718	0.207	8.42	3.88	1.18	27
28	1.78	1.38 E	11.0 E	1.87	8.10	0.748	0.144	0.821	0.183	3.18	3.82	1.11	28
29	3.28		12.8 E	1.88	2.80	0.822	0.138	0.438	0.138	1.73	2.78	1.48	29
30	11.8		8.70 E	1.87	2.02	0.838	0.134	0.370	0.128	1.32	2.08	2.08	30
31	8.88		8.80 E		1.87		0.148	0.348		1.08		2.17	31
TOTAL	171.41	38.018	148.378	139.02	84.821	38.187	13.882	38.828	5.338	81.877	348.878	113.888	TOTAL
MEAN	5.53	1.28	4.78	4.83	3.08	0.973	0.418	1.18	0.178	2.00	11.8	3.88	MEAN
MAX	37.0	8.18	13.8	17.0	18.8	3.21	1.73	13.2	0.319	8.42	80.8	24.8	MAX
MIN	1.48	0.388	0.778	1.34	0.781	0.438	0.134	0.184	0.121	0.118	0.730	0.838	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.27
MAXIMUM DAILY, 80.8 ON NOV 8
MINIMUM DAILY, 0.118 ON OCT 3
MAXIMUM INSTANTANEOUS,
280E AT 21:38 PST ON NOV 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 35 N
LONG 122 32 05 W
DRAINAGE AREA, 47.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	16 800	JUL	1 110
FEB	3 110	AUG	3 100
MAR	12 800	SEP	481
APR	12 000	OCT	6 350
MAY	8 170	NOV	30 000
JUN	2 520	DEC	9 810

TOTAL DISCHARGE, 103 000 dam³

KASLO RIVER BELOW KEMP CREEK - STATION NO. 08NH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.81	2.308	2.308	2.77	19.8	35.7	28.1	10.8	10.1	4.73	4.82	5.34	1
2	2.88	2.278	2.388	2.76	22.7	47.2	25.7	10.1	11.8	4.66	4.62	5.15	2
3	2.83	2.178	2.238	2.70	23.1	48.5	23.5	9.90	12.6	4.66	4.90	5.18	3
4	3.15	2.188	2.148	2.64	23.7	49.9	22.7	9.87	11.1	4.62	5.35	5.84	4
5	3.07	2.158	2.128	2.78	27.3	55.2	23.8	9.56	12.8	4.34	4.81	5.42	5
6	2.87	2.188	2.10	2.95	34.3	64.4	23.3	9.45	11.2	4.30	4.88	5.22	6
7	2.88	2.158	2.08	3.28	45.1	60.8	23.4	9.89	10.2	4.22	5.10	4.86	7
8	2.75	2.108	2.09	3.34	44.8	58.2	22.6	9.73	10.1	4.14	5.11	5.06	8
9	2.83	2.088	2.08	3.31	44.4	60.0	20.8	11.4	9.90	4.08	7.88	4.86	9
10	2.78	2.158	2.06	3.40	48.2	62.4	23.8	12.2	9.13	4.23	16.9	4.85	10
11	2.78	2.238	2.088	3.63	47.0	61.1	23.4	9.88	8.88	4.51	16.0	4.20	11
12	2.82	2.268	2.30	4.15	36.3	63.7	21.8	8.89	8.18	5.28	13.1	4.82	12
13	2.80	2.218	2.228	4.68	28.7	65.5	25.2	8.38	7.71	5.67	10.9	4.52	13
14	2.79	2.188	2.228	5.40	24.8	64.1	24.7	8.87	7.44	5.33	9.89	4.40	14
15	2.88	2.208	2.208	9.08	23.0	69.4	26.0	8.93	7.21	4.88	8.61	4.28	15
16	2.85	2.218	2.188	8.83	23.0	61.1	25.0	9.33	6.93	4.44	8.36	4.15	16
17	2.82	2.23	2.188	9.05	23.0	46.2	20.3	8.84	8.78	4.27	7.89	4.17	17
18	2.80	2.21	2.18	8.21	23.0	37.4	17.7	7.82	8.71	4.28	7.52	4.08	18
19	2.75	2.21	2.20	10.4	20.7	36.2	17.8	7.88	8.28	4.30	7.28	4.01	19
20	2.78	2.18	2.23	11.8	18.7	30.8	18.4	8.82	5.88	4.82	7.40	4.01	20
21	2.87	2.18	2.28	15.3	17.8	26.2	18.8	11.2	5.75	4.80	8.28	3.83	21
22	2.86	2.16	2.28	17.0	17.4	27.1	18.7	18.8	5.84	5.48	7.38	3.88	22
23	2.808	2.18	2.32	16.6	16.2	28.4	13.7	14.8	5.47	5.05	7.04	3.88	23
24	2.888	2.19	2.33	14.4	17.7	31.3	13.1	11.4	5.35	5.11	7.11	3.78	24
25	2.878	2.17	2.37	14.1	18.8	32.7	12.4	12.1	5.26	7.15	6.74	3.78	25
26	2.838	2.18	2.44	13.2	18.8	40.2	12.1	13.8	5.18	8.89	6.18	3.73	26
27	2.86	2.20E	2.87	12.6	18.8	37.2	12.1	13.8	5.86	8.41	6.10	3.87	27
28	2.87	2.26E	2.75	12.8	17.8	28.8	12.4	13.8	6.20	8.89	6.84	3.84	28
29	2.86		2.82	13.4	16.8	26.6	11.8	11.8	6.98	8.60	6.84	3.84	29
30	2.71		2.82	15.8	18.4	30.1	10.8	10.5	6.88	8.35	6.38	3.81	30
31	2.32		2.80		23.8		11.1	8.89		8.08		3.86	31
TOTAL	85.84	81.31	71.42	262.33	788.7	1 347.8	603.8	326.38	234.04	157.63	226.88	134.81	TOTAL
MEAN	2.77	2.19	2.30	8.41	25.8	44.9	19.5	10.5	7.80	5.08	7.63	4.35	MEAN
MAX	3.15	2.30	2.82	17.0	48.2	69.4	28.1	18.8	12.8	8.11	16.0	5.84	MAX
MIN	2.32	2.08	2.06	2.64	16.8	26.2	10.8	7.92	4.88	4.08	4.82	3.86	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.8
MAXIMUM DAILY, 69.4 ON JUN 15
MINIMUM DAILY, 2.06 ON MAR 10
MAXIMUM INSTANTANEOUS,
71.8 AT 19:15 PST ON JUN 15

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 54 27 N
LONG 116 57 07 W
DRAINAGE AREA, 483 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 420	JUL	52 200
FEB	5 300	AUG	26 200
MAR	6 170	SEP	20 200
APR	21 600	OCT	13 600
MAY	69 100	NOV	19 600
JUN	116 000	DEC	11 600

TOTAL DISCHARGE, 371 000 cam³

KAISCHEK CREEK NEAR THE MOUTH - STATION NO. 08JE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	24.8	20.2	4.37	2.04	0.751	0.243	0.446	1.288	1
2	---	---	---	---	27.6	18.1	4.23	2.02	0.683	0.228	0.486	1.408	2
3	---	---	---	---	28.7	18.1	4.30	1.80	0.648	0.238	0.492	1.478	3
4	---	---	---	---	32.3	17.3	4.11	1.77	0.640	0.236	0.533	1.508	4
5	---	---	---	---	34.8	16.3	4.04	1.78	0.678	0.288	0.631	1.538	5
6	---	---	---	---	34.8	15.2	4.04	1.75	0.671	0.283	0.644	1.588	6
7	---	---	---	---	38.2	14.6	4.03	1.68	0.676	0.233	0.674	1.588	7
8	---	---	---	---	37.2	13.8	4.10	1.59	0.655	0.231	0.663	1.598	8
9	---	---	---	---	38.3	12.9	4.08	1.57	0.681	0.267	0.817	1.618	9
10	---	---	---	1.87A	38.0	12.3	4.19	1.80	0.630	0.230	0.908	1.648	10
11	---	---	---	1.88	38.1	11.8	4.03	1.44	0.476	0.237	1.10 B	1.648	11
12	---	---	---	1.80	38.7	10.7	3.83	1.42	0.474	0.218	1.22 B	1.618	12
13	---	---	---	1.98	38.6	10.1	3.88	1.37	0.423	0.228	1.36 B	1.598	13
14	---	---	---	2.08	38.2	9.70	3.78	1.31	0.372	0.227	1.60 B	1.578	14
15	---	---	---	2.13	37.6	8.88	3.67	1.27	0.343	0.300	1.88 B	1.558	15
16	---	---	---	2.28	36.0	8.64	3.62	1.31	0.321	0.304	1.73 B	1.538	16
17	---	---	---	2.44	36.1	8.18	3.61	1.24	0.310	0.247	1.62 B	1.528	17
18	---	---	---	2.72	33.8	7.83	3.43	1.18	0.288	0.314	1.20 B	1.518	18
19	---	---	---	3.28	33.2	7.18	3.26	1.18	0.288	0.295	1.18 B	1.508	19
20	---	---	---	4.18	32.1	8.78	3.07	1.11	0.260	0.289	1.18 B	1.498	20
21	---	---	---	5.34	31.7	8.48	2.98	1.14	0.248	0.288	1.28 B	1.488	21
22	---	---	---	6.03	30.7	8.24	2.83	1.14	0.227	0.288	1.43 B	1.518	22
23	---	---	---	6.60	28.7	8.06	2.73	1.08	0.148	0.307	1.62 B	1.838	23
24	---	---	---	7.83	28.6	8.78	2.61	1.01	0.128	0.303	1.70 B	1.838	24
25	---	---	---	9.03	27.4	8.66	2.88	0.984	0.143	0.330	1.68 B	2.708	25
26	---	---	---	10.8	26.7	8.18	2.61	0.843	0.181	0.362	1.48 B	3.288	26
27	---	---	---	13.3	26.6	4.98	2.43	0.836	0.148	0.378	1.32 B	3.388	27
28	---	---	---	16.4	24.7	4.70	2.38	0.688	0.128	0.380	1.28 E	3.308	28
29	---		---	19.7	24.0	4.48	2.33	0.842	0.214	0.381	1.27 B	3.088	29
30	---		---	22.4	22.8	4.38	2.18	0.818	0.238	0.482	1.28 B	2.728	30
31	---		---		21.3		2.18	0.772		0.448		2.808	31
TOTAL	---	---	---	---	989.8	302.60	105.08	40.838	11.403	8.883	33.893	68.07	TOTAL
MEAN	---	---	---	---	31.8	10.1	3.39	1.32	0.380	0.286	1.13	1.87	MEAN
MAX	---	---	---	---	38.1	20.2	4.37	2.04	0.751	0.482	1.73	3.38	MAX
MIN	---	---	---	---	21.3	4.38	2.18	0.772	0.128	0.200	0.446	1.28	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 38.1 ON MAY 11
MINIMUM DAILY, 0.128 ON SEP 24
MAXIMUM INSTANTANEOUS,
38.8 AT 02:45 PST ON MAY 13

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 54 01 N
LONG 125 06 17 W
DRAINAGE AREA, 881 km²

A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	8 080
FEB	---	AUG	3 540
MAR	---	SEP	988
APR	---	OCT	785
MAY	85 800	NOV	2 640
JUN	38 100	DEC	6 020

KECHIKA RIVER ABOVE BOYA CREEK - STATION NO. 10BB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	37.8B	29.6B	28.3B	26.2B	109	481	287	288	172	140	89.3	49.0B	1
2	37.0B	29.1B	28.2B	26.5B	122	501	288	272	174	133	102	48.0B	2
3	36.2B	28.9B	28.1B	26.9B	136	477	288	277	172	127	84.1	46.0B	3
4	35.5B	28.7B	28.0B	27.0B	157	467	346	278	164	123	82.9	44.0B	4
5	34.9B	28.9B	27.9B	27.2B	183	537	400	281	168	125	82.6	42.0B	5
6	34.0B	29.1B	27.6B	27.5B	218	592	352	280	147	124	81.4	40.0B	6
7	31.5B	29.3B	27.3B	27.8B	241	610	350	275	139	119	81.1	39.0B	7
8	32.0B	29.6B	27.2B	27.8B	250	470	353	277	142	117	78.4	38.0B	8
9	32.5B	29.8B	27.0B	27.9B	258	477	334	270	140	114	68.5	37.0B	9
10	32.8B	30.0B	26.5B	28.0B	268	468	323	269	133	112	64.0B	37.3B	10
11	33.1B	30.0B	28.0B	26.2B	285	485	321	284	128	112	61.0B	37.0B	11
12	33.0B	29.9B	28.5B	28.8B	250	510	312	283	127	109	59.0B	37.2B	12
13	32.8B	29.8B	27.2B	29.5B	225	558	302	311	128	109	58.0B	37.3B	13
14	33.0B	29.9B	27.5B	32.0B	205	584	289	289	128	104	57.0B	37.2B	14
15	32.8B	29.3B	27.3B	34.5B	186	570	303	278	121	100	57.0B	37.0B	15
16	32.6B	29.1B	26.9B	37.0B	226	509	295	279	116	93.1	56.5B	37.0B	16
17	32.8B	29.0B	26.9B	38.5B	247	420	278	288	111	87.6	56.5B	37.0B	17
18	32.2B	29.0B	26.9B	43.0B	230	383	288	254	107	92.4	56.0B	36.6B	18
19	32.0B	29.0B	26.9B	46.0B	215	337	271	255	105	86.2	56.0B	36.0B	19
20	31.9B	29.0B	27.0B	49.1B	206	318	278	250	105	84.6	56.0B	35.3B	20
21	31.6B	29.1B	27.0B	52.0B	203	307	282	241	107	93.0	55.0B	35.2B	21
22	31.4B	29.1B	27.0B	55.0B	186	310	283	232	143	92.2	54.0B	35.1B	22
23	31.3B	29.1B	26.6B	58.0B	187	309	283	223	184	89.5	53.0B	35.0B	23
24	31.7B	29.1B	26.6B	63.0B	188	320	271	222	186	88.4	52.0B	34.8B	24
25	32.0B	29.1B	26.1B	67.0B	183	338	282	220	184	85.7	51.0B	35.0B	25
26	32.0B	29.0B	25.5B	72.0B	204	380	259	211	162	86.7	50.0B	35.0B	26
27	31.5B	28.8B	25.0B	78.0B	222	425	253	201	152	87.6	50.0B	34.8B	27
28	31.0B	28.5B	24.8B	84.0B	228	401	248	184	144	80.2	50.0B	35.0B	28
29	30.5B		26.2B	93.5	233	336	251	188	136	78.4	50.0B	34.5B	29
30	30.2B		25.7B	98.9	284	308	262	181A	134	84.2	49.5B	34.0B	30
31	29.8B		26.1B		382		271	174		88.1		33.8B	31
TOTAL	1 013.0	816.4	831.0	1 361.6	6 741	13 078	9 210	7 721	4 225	3 184.4	1 900.3	1 170.3	TOTAL
MEAN	32.7	29.2	26.8	45.4	217	436	297	249	141	103	63.3	37.8	MEAN
MAX	37.8	30.0	28.3	98.9	382	584	400	311	186	140	102	49.0	MAX
MIN	29.8	28.5	24.8	26.2	109	307	248	174	105	78.4	49.5	33.8	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 140
MAXIMUM DAILY, 584 ON JUN 14
MINIMUM DAILY, 24.8B ON MAR 28
MAXIMUM INSTANTANEOUS,
612 AT 08:22 PST ON JUN 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 05 54 N
LONG 127 32 02 W
DRAINAGE AREA, 11 200 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	87 500	JUL	796 000
FEB	70 700	AUG	667 000
MAR	71 800	SEP	365 000
APR	118 000	OCT	275 000
MAY	582 000	NOV	164 000
JUN	1 130 000	DEC	101 000

TOTAL DISCHARGE, 4 430 000 dam³

KEEN CREEK BELOW KYAWATS CREEK - STATION NO. 08NH132

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.717B	0.535B	0.456B	0.640B	4.88	9.81	8.42	3.49	2.62	1.05	1.33	1.26 B	1
2	0.715B	0.530B	0.460B	0.605B	5.74	13.4	7.24	3.25	3.64	1.04	1.19	1.24 B	2
3	0.713B	0.520B	0.455B	0.590B	6.03	14.2	6.44	2.78	3.64	1.00	1.14	1.22 B	3
4	0.711B	0.510B	0.453B	0.565B	6.12	14.2	6.19	2.44	3.40	0.937	1.23	1.20 B	4
5	0.710B	0.500B	0.450B	0.560B	7.09	15.5	5.80	2.41	4.48	0.947	1.13	1.19 B	5
6	0.705B	0.490B	0.448B	0.565B	9.38	16.0	6.70	2.40	3.65	0.917	1.11	1.18	6
7	0.700B	0.480B	0.445B	0.595B	12.8	17.5	6.89	2.65	3.09	0.890	1.11	1.15 B	7
8	0.690B	0.479B	0.444B	0.610B	12.9	16.9	6.72	2.61	2.92	0.884	1.11	1.12 B	8
9	0.650B	0.465B	0.430B	0.630B	12.2	17.5	6.02	4.02	2.62	0.858	2.41	1.12	9
10	0.640B	0.490B	0.435B	0.650B	13.7	14.8	6.46	4.46	2.50	0.939	5.45	1.08 B	10
11	0.635B	0.465B	0.465B	0.690B	13.9	14.2	6.46	3.15	2.22	1.00	5.00	1.04 B	11
12	0.632B	0.475B	0.460B	0.695	9.74	15.6	7.25	2.70	2.01	1.36	3.52	1.00 B	12
13	0.630B	0.470B	0.505B	0.720	7.63	16.7	6.65	3.44	1.85	1.36	2.85	0.980B	13
14	0.615B	0.465B	0.530B	0.675	6.55	22.0	6.87	2.90	1.75	1.28	2.49	0.950B	14
15	0.600B	0.460B	0.555B	1.19	6.05	25.7	9.23	3.37	1.70	1.08	2.46	0.940B	15
16	0.600B	0.455B	0.550B	1.23	6.03	20.8	6.82	2.98	1.82	0.950	2.14	0.925B	16
17	0.595B	0.458B	0.550B	1.22	5.98	13.2	5.73	2.64	1.59	0.943	2.01	0.910B	17
18	0.590B	0.457B	0.525B	1.37	5.91	9.56	5.61	2.33	1.56	0.928	1.81	0.895B	18
19	0.582B	0.456B	0.510B	1.77	5.22	9.28	5.57	2.48	1.46	0.974	1.73	0.880B	19
20	0.580B	0.455B	0.505B	2.27	4.86	7.81	6.80	2.99	1.35	1.10	1.72B	0.840B	20
21	0.555B	0.450B	0.507B	3.26	4.40	6.28	6.66	4.41	1.28	1.25	1.69B	0.820B	21
22	0.552B	0.445B	0.513B	3.43	4.30	6.83	4.92	6.28	1.24	1.45	1.66	0.810B	22
23	0.540B	0.447B	0.525B	3.16	4.59	9.02	4.16	5.11	1.21	1.82	1.64B	0.805B	23
24	0.546B	0.446B	0.535B	3.02	4.41	9.03	4.07	3.63	1.20	2.83	1.59B	0.803B	24
25	0.545B	0.448B	0.550B	2.86	4.02	9.66	3.68	3.76	1.17	2.04	1.56	0.800B	25
26	0.543B	0.450B	0.565B	2.77	4.06	13.4	3.76	4.38	1.17	1.79	1.45B	0.787B	26
27	0.544B	0.450B	0.525B	2.83	4.18	11.6	3.82	4.34	1.24	1.70	1.42B	0.780B	27
28	0.550B	0.453B	0.590B	2.66	4.45	7.82	4.07	4.17	1.17	1.65	1.36B	0.780B	28
29	0.550B		0.720B	2.96	4.10	6.36	3.99	3.44	1.12	1.38	1.32B	0.775B	29
30	0.550B		0.670B	3.62	4.63	6.42	3.48	2.86	1.07	1.33	1.28B	0.760B	30
31	0.540B		0.655B		6.35		3.70	2.85		1.26		0.740B	31
TOTAL	18.981	13.248	16.236	46.461	211.48	395.91	192.87	104.60	61.99	38.459	57.95	25.770	TOTAL
MEAN	0.613	0.473	0.524	1.62	6.82	13.2	6.22	3.38	2.07	1.24	1.93	0.830	MEAN
MAX	0.717	0.535	0.720	3.62	13.9	25.7	9.23	6.28	4.48	2.83	5.45	1.26	MAX
MIN	0.540	0.445	0.430	0.560	4.02	6.28	3.48	2.33	1.07	0.858	1.11	0.740	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.28
MAXIMUM DAILY, 25.7 ON JUN 15
MINIMUM DAILY, 0.430B ON MAR 9
MAXIMUM INSTANTANEOUS,
27.0 AT 19:50 PST ON JUN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 52 16 N
LONG 117 07 13 W
DRAINAGE AREA, 92.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 640	JUL	16 700
FEB	1 140	AUG	9 050
MAR	1 400	SEP	5 360
APR	4 180	OCT	3 330
MAY	18 300	NOV	5 010
JUN	34 200	DEC	2 570

TOTAL DISCHARGE, 103 000 dam³

KELOWNA CREEK NEAR KELOWNA (LOWER STATION) - STATION NO. 08NM083

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.178	0.148E	0.330E	0.184	2.03	1.44	0.553	0.148	0.212	0.182	0.168	0.180	1
2	0.181	0.120E	0.320E	0.200	2.10	1.09	0.481	0.220	0.425	0.158	0.199	0.178	2
3	0.183	0.124E	0.318E	0.187	1.78	1.03	0.841	0.308	0.323	0.182	0.294	0.184	3
4	0.185	0.126E	0.350E	0.187	1.81	0.814	0.536	0.287	0.278	0.161	0.265	0.198	4
5	0.188	0.134E	0.400E	0.228	1.87	0.683	0.287	P 210	0.367	0.163	0.234	0.204	5
6	0.187A	0.132E	0.488E	0.203	1.78	0.287	0.221	0.188	0.428	0.185	0.223	0.241	6
7	0.170E	0.130E	0.578E	0.190	1.78	0.260	0.176	0.144	0.410	0.187	0.208	0.205	7
8	0.148E	0.132E	0.780E	0.183	1.81	0.184	0.160	0.148	0.395	0.188	0.208	0.203	8
9	0.152E	0.135A	0.890E	0.178	1.38	0.213	0.156	0.185	0.378	0.188	0.208	0.228	9
10	0.188E	0.140E	0.894A	0.187	1.58	0.188	0.164	0.148	0.355	0.183	0.207	0.207	10
11	0.182E	0.148E	0.848	0.204	2.28	0.181	0.178	0.137	0.350	0.171	0.208	0.187	11
12	0.172E	0.148E	0.808	0.274	3.00	0.137	0.150	0.138	0.286	0.186	0.201	0.198	12
13	0.187E	0.151E	0.878	0.383	3.07	0.135	0.160	0.184	0.270	0.186	0.201	0.195	13
14	0.178E	0.158E	0.525	0.488	2.53	0.178	0.182	0.170	0.214	0.173	0.202	0.193	14
15	0.182E	0.187E	0.356	0.895	1.90	0.294	0.498	0.841	0.177	0.188	0.198	0.191	15
16	0.188E	0.178E	0.308	1.15	1.38	0.234	0.388	0.688	0.173	0.172	0.191	0.191	16
17	0.182E	0.178E	0.218	1.27	1.04	0.203	0.383	0.342	0.189	0.172	0.191	0.188	17
18	0.188A	0.178E	0.210	1.32	1.25	0.191	0.324	0.288	0.208	0.178	0.184	0.184	18
19	0.182	0.180E	0.207	1.51	1.31	0.208	0.280	0.238	0.206	0.174	0.183	0.182	19
20	0.180	0.184E	0.207	1.72	1.40	0.225	0.218	0.225	0.202	0.171	0.220	0.180	20
21	0.178	0.224E	0.231	1.81	1.28	0.226	0.188	0.218	0.177	0.178	0.202	0.170	21
22	0.178	0.270E	0.224	1.56	1.30	0.227	0.224	0.282	0.173	0.184	0.182	0.173	22
23	0.170	0.340E	0.221	1.36	1.82	0.214	0.244	0.230	0.188	0.187	0.186	0.188	23
24	0.178	0.360E	0.211	1.25	2.33	0.170	0.201	0.225	0.184	0.202	0.186	0.170	24
25	0.174	0.335E	0.228	1.21	2.85	0.188	0.188	0.210	0.188	0.181	0.188	0.177	25
26	0.188	0.340E	0.220	1.13	2.88	0.181	0.180	0.222	0.170	0.180	0.190	0.182	26
27	0.170	0.360E	0.223	1.12	2.87	0.128	0.184	0.213	0.180	0.202	0.188	0.178	27
28	0.174	0.237E	0.254	1.38	3.84	0.128	0.187	0.214	0.188	0.184	0.188	0.181	28
29	0.172		0.250	1.71	3.43	0.174	0.172	0.218	0.181	0.181	0.188	0.177	29
30	0.193		0.213	1.84	2.83	0.377	0.188	0.207	0.181	0.200	0.188	0.178	30
31	0.188		0.188		1.84		0.148	0.201		0.188		0.173	31
TOTAL	5.481	5.551	13.485	35.347	63.55	8.902	8.009	7.313	7.501	5.448	6.143	5.858	TOTAL
MEAN	0.177	0.198	0.402	0.845	2.05	0.330	0.258	0.238	0.250	0.178	0.205	0.188	MEAN
MAX	0.193	0.360	0.894	1.84	3.84	1.44	0.553	0.688	0.428	0.209	0.295	0.241	MAX
MIN	0.148	0.120	0.188	0.178	1.04	0.129	0.148	0.137	0.155	0.163	0.188	0.188	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.445
MAXIMUM DAILY, 3.84 ON MAY 28
MINIMUM DAILY, 0.120E ON FEB 2
MAXIMUM INSTANTANEOUS,
3.80 AT 16:36 PST ON MAY 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 13 N
LONG 119 27 18 W
DRAINAGE AREA, 221 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	474	JUL	883
FEB	480	AUG	632
MAR	1 080	SEP	648
APR	2 180	OCT	471
MAY	5 480	NOV	531
JUN	858	DEC	508

TOTAL DISCHARGE, 14 100 dam³

KEMANO POWERHOUSE - STATION NO. 08FE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	93.8	97.8	93.8	91.8	118	92.7	91.7	91.6	93.0	108	107	113	1
2	92.8	126	93.4	88.2	119	92.3	91.6	92.2	92.7	108	107	118	2
3	93.7	125	93.8	90.2	118	91.8	91.8	91.8	92.8	104	107	114	3
4	93.0	125	93.2	95.1	113	91.5	93.8	94.7	93.3	108	108	108	4
5	93.1	125	93.3	92.8	118	91.8	92.0	92.8	93.3	108	130	108	5
6	93.1	135	93.8	94.3	126	91.8	91.7	94.5	92.8	108	128	107	6
7	93.8	119	93.8	88.8	130	91.7	91.8	93.7	92.3	105	121	108	7
8	93.4	136	94.1	108	114	92.1	91.8	93.2	92.8	86.3	118	108	8
9	93.8	128	93.8	108	108	91.7	91.7	94.1	92.8	108	114	108	9
10	93.7	124	90.7	108	108	91.5	92.0	93.4	93.0	88.8	108	104	10
11	93.8	124	93.4	107	107	91.8	91.8	93.4	93.7	107	108	114	11
12	93.4	124	92.9	108	108	91.8	91.7	93.8	93.2	107	118	118	12
13	93.8	126	93.2	108	122	91.4	92.1	93.4	94.1	108	130	118	13
14	93.8	128	93.8	108	130	91.7	91.7	93.4	93.3	107	120	118	14
15	93.3	124	88.8	108	113	91.7	92.0	93.8	93.4	107	110	124	15
16	93.4	124	93.4	108	92.7	91.8	91.3	93.6	93.8	87.7	111	130	16
17	93.8	123	93.8	107	92.3	91.3	91.8	93.0	94.4	107	113	128	17
18	93.3	124	93.2	103	92.8	91.8	91.8	93.3	88.4	107	111	128	18
19	94.0	127	93.0	102	93.3	90.5	92.1	93.3	85.7	107	111	113	19
20	93.7	127	92.8	108	93.0	94.4	91.5	88.8	85.4	107	112	128	20
21	93.3	128	93.0	87.3	92.7	94.7	93.0	100	85.0	107	112	128	21
22	93.3	93.0	92.9	133	93.0	91.8	92.2	93.4	85.2	107	108	124	22
23	94.2	93.2	92.8	112	92.8	91.4	93.2	93.3	85.0	108	108	128	23
24	88.7	88.8	92.8	107	92.7	91.7	93.2	94.7	84.0	88.9	112	128	24
25	93.4	93.2	92.9	108	92.3	91.7	92.8	92.0	84.8	107	107	128	25
26	93.6	101	92.2	107	92.3	91.8	92.2	94.1	85.2	107	108	128	26
27	91.1	88.2	92.5	107	92.8	91.1	92.2	92.8	84.7	108	111	126	27
28	93.8	93.8	88.5	110	92.0	92.1	92.1	93.5	83.8	108	110	130	28
29	93.4		88.1	128	92.0	91.8	91.8	92.8	84.7	112	111	129	29
30	92.4		92.3	128	91.7	92.1	91.5	92.7	84.8	107	112	128	30
31	93.8		92.8		91.8		92.7	93.7		107		131	31
TOTAL	2 899.3	3 247.8	2 886.8	3 187.8	3 238.8	2 757.3	2 851.7	2 904.4	2 818.1	3 270.4	3 378	3 711	TOTAL
MEAN	93.5	116	93.1	106	104	91.9	92.0	93.7	93.9	105	113	120	MEAN
MAX	94.7	127	95.8	128	130	94.7	93.8	100	94.8	112	130	130	MAX
MIN	91.1	88.2	88.8	88.2	91.7	90.5	91.3	91.8	92.3	86.3	105	104	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 102
MAXIMUM DAILY, 130 ON MAY 7
MINIMUM DAILY, 88.2 ON FEB 27

DATA CONTRIBUTED BY -
ALCAN SMELTERS AND CHEMICALS LTD.

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 53 33 40 N
LONG 127 58 10 W

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	250 000	JUL	246 000
FEB	281 000	AUG	251 000
MAR	248 000	SEP	243 000
APR	274 000	OCT	282 000
MAY	278 000	NOV	292 000
JUN	238 000	DEC	321 000

TOTAL DISCHARGE, 3 210 000 dam³

KEMANO RIVER ABOVE POWERHOUSE TAILRACE - STATION NO. 08FE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.24	12.0 E	2.82E	11.8	84.7	106	76.8	78.5	27.8A	35.9A	24.1A	107 E	1
2	5.35	11.6 E	2.85E	11.4	85.8	101	78.7	74.1	26.9A	34.7A	24.2A	93.0E	2
3	5.74	11.6 A	2.75E	10.8	83.7	104	74.8	72.0	32.2A	34.0E	88.8A	76.8A	3
4	5.73	9.86	2.71E	11.3	76.2	110	74.0	72.5	36.2	40.0E	58.2A	88.0E	4
5	5.81	10.2	2.73E	11.8	75.0	110	71.4	72.3	30.8A	37.0E	46.8A	58.0E	5
6	5.11	7.85	2.76E	12.1	101	86.8	72.0	69.0	33.3	36.0E	38.2A	50.0E	6
7	4.88	8.52	2.87E	12.2	104	82.1	71.8	67.7	35.0A	46.0E	34.8A	48.3E	7
8	5.18	8.25	2.91E	12.4	96.5	80.4	73.9	64.4	36.9A	58.8A	45.0A	47.4A	8
9	4.53	8.14	2.87E	12.5	81.8	88.3	78.3	62.8	32.2	57.5E	55.8E	46.0E	9
10	4.81	8.88	2.89E	16.6	93.8	88.8	88.6	60.2	28.8A	56.0E	87.8E	44.0E	10
11	4.85	8.87	2.88E	23.1	83.8	87.7	86.7	65.8	28.7E	80.0E	41.0E	42.7A	11
12	14.5	8.33	3.00E	26.2	48.7	102	88.8	88.1	29.1E	47.0E	30.2A	42.8A	12
13	14.2	8.14	3.04A	26.8	43.3	110	81.1	73.2	28.4A	36.8E	26.0E	42.0A	13
14	10.8	8.07	3.26	31.6	45.0	108	80.7	71.2A	28.7A	31.1A	24.0E	41.7A	14
15	9.13	8.02	3.26	32.7	50.2	84.8	74.2	70.8E	26.8	30.8E	26.0E	41.8A	15
16	8.31	8.86	3.40	27.7	83.0	77.1	71.8	70.0E	26.4	46.0E	26.2A	41.8A	16
17	8.01	8.30	3.17	26.9	84.9	72.8	78.8	74.0E	25.2A	69.8E	28.3	41.1A	17
18	8.86	4.81	3.03	27.8	47.3	67.8	74.1	74.0E	26.8E	88.0E	123	41.3A	18
19	10.9	4.58	3.10	33.6	48.3	83.8	72.8	70.8E	28.3A	88.0E	86.8	41.8A	19
20	18.4	4.10	3.07	48.8	43.4	82.7	70.0	78.8A	84.3E	80.0E	48.8	42.8E	20
21	13.8	4.05	2.95	46.1	42.1	88.1	87.8	82.0E	80.0E	44.0E	47.1	46.0E	21
22	11.4	3.89	2.79	36.7	44.1	70.8	88.1	88.0E	48.7A	33.1A	46.2	70.0E	22
23	8.38	3.83	4.71	36.3	48.8	87.1	88.2	42.0E	45.4	31.7E	46.8	78.0E	23
24	8.44	3.82	5.41	43.8	84.8	102	87.4	38.0E	42.8	31.2A	48.8	80.0E	24
25	7.91	3.85	5.95	51.8	83.8	105	88.0	38.0E	43.3	40.8A	46.8	90.0E	25
26	21.7	3.38	8.88	88.8	81.3	89.4	70.8	38.2E	43.2A	32.4A	44.8	78.7A	26
27	32.8	3.04A	8.82	86.3	87.8	72.8	81.1	42.2A	42.8E	27.8A	44.8A	82.0E	27
28	20.8	2.88E	10.8	83.2	70.8	88.7	71.8	40.8E	44.0E	26.2A	82.0E	83.8A	28
29	18.4		11.0	88.4	88.1	88.7	71.8	40.0E	88.0E	28.7A	91.0E	48.8E	29
30	16.8		11.2	77.0	88.0	72.8	78.8	38.0E	78.8E	28.8A	101 E	48.8A	30
31	14.0 A		11.8		107		78.7	33.0E		24.7A		48.3	31
TOTAL	322.71	187.86	143.83	943.8	2 082.3	2 836.2	2 330.8	1 908.1	1 141.8	1 282.0	1 852.8	1 787.8	TOTAL
MEAN	10.4	6.86	4.61	31.8	86.8	87.8	78.2	61.8	38.1	41.4	61.8	87.0	MEAN
MAX	32.8	12.0	11.8	77.0	107	110	81.1	82.0	78.8	88.8	123	107	MAX
MIN	4.53	3.86	2.71	10.8	42.1	82.7	88.2	33.0	26.2	24.7	24.0	41.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 44.5
MAXIMUM DAILY, 123 ON NOV 18
MINIMUM DAILY, 2.71E ON MAR 4
MAXIMUM INSTANTANEOUS,
156 AT 17:30 PST ON NOV 18

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 34 10 N
LONG 127 58 40 W
DRAINAGE AREA, 883 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	27 800	JUL	201 000
FEB	14 500	AUG	165 000
MAR	12 300	SEP	98 600
APR	81 500	OCT	111 000
MAY	178 000	NOV	134 000
JUN	236 000	DEC	153 000

TOTAL DISCHARGE, 1 400 000 dam³

KEMP LAKE NEAR SOOKE - STATION NO. 08HA052

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.808	1.733	1.678	1.588	1.485	1.380	---	---	---	1
2	---	---	---	1.808	1.730	1.671	1.588	1.481	1.387	---	---	---	2
3	---	---	---	1.813	1.726	1.664	1.583	1.468	1.382	---	---	---	3
4	---	---	---	1.887	1.718	1.660	1.582	1.464	1.368	---	---	---	4
5	---	---	---	2.083E	1.713	1.657	1.577	1.438	1.364E	---	---	---	5
6	---	---	---	2.188	1.716	1.663	1.572	1.433	1.338E	---	---	---	6
7	---	---	---	2.187	1.706	1.648	1.566	1.436	1.333E	---	---	---	7
8	---	---	---	2.144	1.703	1.640	1.562	1.433	1.328E	---	---	---	8
9	---	---	---	2.139	1.697	1.631	1.558	1.418	1.322	---	---	---	9
10	---	---	---	2.134	1.694	1.624	1.550	1.414	1.330	---	---	---	10
11	---	---	---	2.111	1.690	1.621	1.548	1.409	1.318	---	---	---	11
12	---	---	---	2.089	1.682	1.623	1.548	1.406	1.317	---	---	---	12
13	---	---	---	2.080	1.678	1.620	1.538	1.402	1.314	---	---	---	13
14	---	---	---	1.949	1.670	1.617	1.536	1.389	1.307	---	---	---	14
15	---	---	---	1.900	1.670	1.613	1.524	1.387	1.300	---	---	---	15
16	---	---	---	1.885	1.668	1.610	1.521	1.388	1.288	---	---	---	16
17	---	---	---	1.847	1.672	1.607	1.530	1.387	1.283	---	---	---	17
18	---	---	---	1.839	1.670	1.604	1.518	1.383	1.281	---	---	---	18
19	---	---	---	1.826	1.668	1.608	1.515	1.383	1.286	---	---	---	19
20	---	---	---	1.814	1.668	1.607	1.514	1.388	1.286	---	---	---	20
21	---	---	---	1.808	1.668	1.606	1.507	1.388	1.283	---	---	---	21
22	---	---	---	1.798	1.667	1.601	1.502	1.385	1.281	---	---	---	22
23	---	---	---	1.790	1.667	1.607	1.494	1.382	1.277	---	---	---	23
24	---	---	---	1.783	1.666	1.594	1.488	1.388	1.273	---	---	---	24
25	---	---	---	1.767	1.663	1.586	1.485	1.386	1.271	---	---	---	25
26	---	---	---	1.767	1.662	1.578	1.482	1.381	1.267	---	---	---	26
27	---	---	---	1.761	1.663	1.575	1.478	1.377	1.264	---	---	---	27
28	---	---	1.885	1.747	1.667	1.571	1.471	1.372	1.266	---	---	---	28
29	---		---	1.740	1.674	1.574	1.488	1.370	1.280	---	---	---	29
30	---		---	1.738	1.667	1.577	1.484	1.367	1.287	---	---	---	30
31	---		---		1.884		1.488	1.385		---		---	31
MEAN	---	---	---	1.919	1.685	1.617	1.528	1.404	1.304	---	---	---	MEAN
MAX	---	---	---	2.188	1.733	1.678	1.588	1.485	1.380	---	---	---	MAX
MIN	---	---	---	1.738	1.662	1.571	1.488	1.385	1.267	---	---	---	MIN

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 22 52 N
LONG 123 48 40 W

E - ESTIMATED
NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

KERRMEDS CREEK BELOW WILLIS INTAKE - STATION NO. 08NL048

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.084	0.0878	0.087	0.088	0.617	2.15	0.797	0.238	0.196	0.140	0.231	0.288	1
2	0.083	0.0828	0.088	0.088	0.709	2.76	0.671	0.237	0.385	0.141	0.231	0.281	2
3	0.084	0.0828	0.085	0.088	0.782	2.46	0.606	0.226	0.384	0.140	0.393	0.284	3
4	0.085	0.0848	0.088	0.087	0.807	2.89	0.716	0.223	0.324	0.138	0.807	0.260	4
5	0.084	0.0858	0.087	0.087	1.09	3.84	0.606	0.223	0.310	0.140	0.483	0.258	5
6	0.085	0.0868	0.087	0.080	1.42	3.82	0.528	0.218	0.252	0.138	0.405	0.268	6
7	0.088	0.0868	0.090	0.088	1.76	3.25	0.488	0.206	0.238	0.134	0.338	0.278	7
8	0.088	0.0868	0.094	0.091	2.08	2.22	0.401	0.192	0.228	0.132	0.288	0.277	8
9	0.084	0.085	0.100	0.091	2.22	2.20	0.449	0.185	0.218	0.134	0.288	0.282	9
10	0.092	0.088	0.104	0.090	2.28	2.18	0.483	0.185	0.210	0.131	0.347	0.281	10
11	0.090	0.088	0.112	0.090	2.05	1.86	0.504	0.187	0.205	0.137	0.383	0.258	11
12	0.090	0.087	0.108	0.088	1.82	1.86	0.525	0.185	0.192	0.136	0.328	0.333	12
13	0.091	0.086	0.107	0.087	1.68	1.78	0.532	0.260E	0.177	0.137	0.324	0.238	13
14	0.088	0.085	0.100	0.088	1.80	1.75	0.535E	0.280E	0.175	0.143	0.317	0.246	14
15	0.088	0.085	0.097	0.090	1.92	1.89	0.530E	0.350	0.173	0.148	0.312	0.248	15
16	0.088	0.088	0.093	0.087	1.86	1.82	0.504	0.370	0.172	0.183	0.318	0.246	16
17	0.087	0.090	0.088	0.088	1.68	1.41	0.478	0.384	0.172	0.183	0.312	0.242	17
18	0.088	0.088	0.084	0.090	1.80	1.34	0.485	0.325	0.172	0.184	0.312	0.237	18
19	0.088	0.087	0.084	0.091	1.80	1.27	0.417	0.335	0.176	0.183	0.312	0.238	19
20	0.088	0.088	0.088	0.090	1.88	1.24	0.388	0.320	0.173	0.184	0.312	0.229	20
21	0.088	0.088	0.084	0.187	1.92	1.06	0.383	0.306	0.170	0.186	0.308	0.223	21
22	0.088	0.085	0.084	0.187	1.48	0.956	0.386	0.277	0.172	0.186	0.312	0.226	22
23	0.088	0.083	0.083	0.183	1.30	0.880	0.362	0.262	0.186	0.188	0.310	0.226	23
24	0.088	0.084	0.082	0.183	1.28	0.880	0.383	0.248	0.186	0.384	0.310	0.226	24
25	0.088	0.084	0.080	0.302	1.27	0.855	0.318	0.231	0.187	0.310	0.308	0.223	25
26	0.088	0.080	0.088	0.218	1.42	0.856	0.305	0.223	0.184	0.270	0.308	0.235	26
27	0.085	0.088	0.080	0.248	1.68	0.851	0.291	0.223	0.148	0.263	0.288	0.227	27
28	0.088	0.088	0.088	0.244	1.80	0.805	0.280	0.218	0.143	0.254	0.288	0.231	28
29	0.088		0.088	0.271	1.88	0.810	0.262	0.218	0.141	0.250	0.283	0.226	29
30	0.080		0.088	0.358	1.88	0.762	0.248	0.210	0.141	0.244	0.278	0.223	30
31	0.088		0.088		1.84		0.248	0.303		0.246		0.226	31
TOTAL	2.808	2.480	2.800	4.089	47.825	49.577	14.404	7.716	5.050	5.905	9.826	7.834	TOTAL
MEAN	0.090	0.088	0.084	0.136	1.54	1.85	0.485	0.249	0.202	0.178	0.328	0.262	MEAN
MAX	0.092	0.087	0.112	0.358	2.28	2.89	0.871	0.370	0.385	0.384	0.807	0.283	MAX
MIN	0.047	0.032	0.066	0.088	0.617	0.762	0.248	0.185	0.141	0.131	0.231	0.223	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.440
MAXIMUM DAILY, 2.89 ON JUN 4
MINIMUM DAILY, 0.0828 ON FEB 2

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 15 33 N
LONG 118 49 32 W
DRAINAGE AREA, 183 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	242	JUL 1 240	
FEB	218	AUG	867
MAR	261	SEP	523
APR	352	OCT	478
MAY 4	110	NOV	848
JUN 4	280	DEC	851

TOTAL DISCHARGE, 13 800 dam³

KETTLE RIVER NEAR PERRY - STATION NO. 08NN013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.28	5.04	4.95	10.6	126	147	37.1	7.33	6.85	4.19	7.19	10.6	1
2	5.20	3.888	4.79	10.6	187	171	41.1	6.65	8.32	4.11	6.74	8.83	2
3	5.34	2.838	4.56	10.6	189	179	48.2	6.74	10.6	4.06	6.65	9.26	3
4	5.43	2.838	4.19	10.2	186	186	38.6	6.77	13.6	3.96	7.36	10.8	4
5	5.06	3.118	4.36	10.6	173	181	34.6	7.08	13.6	3.86	11.2	12.6	5
6	5.84	3.118	4.78	10.8	190	180	31.4	7.58	12.3	3.99	14.4	13.6	6
7	5.46	3.118	4.86	11.4	221	168	26.6	8.60	12.4	3.96	13.1	13.3	7
8	5.41	3.118	5.04	13.6	237	123	26.2	8.31	11.3	3.88	12.2	11.6	8
9	4.96	3.118	5.18	16.1	232	124	24.3	8.43	10.2	3.88	11.4	12.0	9
10	5.18	3.118	5.61	16.1	248	116	23.9	7.31	9.84	3.94	12.2	11.7	10
11	5.86	3.118	6.20	17.7	262	103	22.8	8.30	9.06	3.46	30.2	8.21	11
12	6.88	3.118	6.74	21.1	210	92.3	23.4	8.82	8.50	3.85	30.0	7.82	12
13	6.23	3.118	7.82	27.1	186	86.1	21.3	8.75	7.98	3.94	26.6	8.32	13
14	6.26	3.118	8.82	35.4	161	81.8	20.0	8.44	7.90	4.18	21.5	11.0	14
15	6.26	3.118	8.82	48.3	127	116	19.3	8.81	7.11	4.53	19.7	11.8	15
16	6.12	3.118	8.38	68.6	122	126	20.1	8.46	6.71	4.90	15.8	7.26	16
17	6.89	3.118	8.33	76.6	120	103	21.8	8.19	6.43	4.67	16.7	8.81	17
18	6.88	3.118	8.36	76.2	122	83.3	19.8	9.20	6.17	4.82	16.8	9.03	18
19	6.89	3.408	8.30	67.2	116	72.8	17.9	9.81	6.08	4.47	16.0	8.81	19
20	6.76	3.888	8.33	108	108	73.6	18.1	9.20	6.00	4.46	16.2	8.98	20
21	6.88	3.888	9.03	128	98.0	87.4	14.8	8.67	5.88	4.80	14.8	8.83	21
22	6.88	4.388	9.12	131	84.0	80.8	13.8	8.84	5.82	4.64	14.8	8.82	22
23	6.32	4.83	9.03	118	83.4	81.4	12.8	8.84	5.38	5.07	12.8	9.03	23
24	4.88	4.87	9.00	108	102	88.6	11.8	9.81	5.21	5.88	11.3	9.42	24
25	4.83	4.84	9.06	105	100	81.8	10.9	9.03	5.04	11.3	13.1	9.57	25
26	5.04	4.86	9.22	102	101	81.8	10.3	8.33	4.90	12.1	13.1	9.40	26
27	5.18	4.80	9.63	96.3	104	46.7	9.80	8.18	4.72	10.8	10.7	9.17	27
28	5.36	5.04	10.3	84.3	119	43.3	9.09	10.2	4.88	9.86	11.3	8.88	28
29	5.88		10.8	101	119	38.8	8.80	11.3	4.42	9.08	12.4	8.87	29
30	5.76		10.8	118	114	38.2	8.30	10.3	4.30	8.07	12.0	8.37	30
31	5.88		10.8		123		7.82	9.74		7.48		8.31	31
TOTAL	178.88	103.18	234.42	1 763.7	4 883.4	2 880.8	651.21	243.98	232.78	173.83	420.04	304.38	TOTAL
MEAN	5.79	3.85	7.58	58.8	148	98.7	21.0	7.87	7.76	5.60	14.2	9.82	MEAN
MAX	6.85	5.04	10.8	131	262	178	48.2	11.3	13.6	12.1	30.0	13.6	MAX
MIN	4.83	2.83	4.19	10.2	83.4	38.2	7.82	6.44	4.30	3.86	6.88	7.26	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 32.6
MAXIMUM DAILY, 262 ON MAY 11
MINIMUM DAILY, 2.838 ON FEB 3
MAXIMUM INSTANTANEOUS,
287 AT 08:00 PST ON MAY 11

SUMMARY FOR THE YEAR 1989

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 56 53 N
LONG 118 45 56 W
DRAINAGE AREA, 5 750 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 800	JUL 66 300	
FEB	8 630	AUG 31 100	
MAR	20 300	SEP 20 100	
APR	184 000	OCT 15 000	
MAY	356 000	NOV 36 600	
JUN	356 000	DEC 26 300	

TOTAL DISCHARGE, 1 030 000 dam³

KETTLE RIVER NEAR GRAND FORKS - STATION NO. 08NN024

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	7.873	8.813	8.903	7.923	---	---	---	---	---	1
2	---	---	---	7.863	8.048	8.108	7.913	---	---	---	---	---	2
3	---	---	---	7.873	8.123	8.103	7.883	---	---	---	---	---	3
4	---	---	---	7.853	8.113	8.058	7.923	---	---	---	---	---	4
5	---	---	---	7.863	8.108	8.058	7.883	---	---	---	---	---	5
6	---	---	---	7.883	8.333	8.058	7.833	---	---	---	---	---	6
7	---	---	---	7.813	8.538	8.988	7.803	---	---	---	---	---	7
8	---	---	---	7.883	8.883	8.858	7.783	---	---	---	---	---	8
9	---	---	---	7.703	8.526	8.808	7.733*	---	---	---	---	---	9
10	---	---	---	7.733	8.843	8.733	7.703	---	---	---	---	---	10
11	---	---	---	7.783	8.803	8.848	7.713	---	---	---	---	---	11
12	---	---	---	7.803	8.413	8.583	7.703	---	---	---	---	---	12
13	---	---	---	7.803	8.068	8.803	7.683	---	---	---	---	---	13
14	---	---	---	8.053	8.893	8.478	7.853	---	---	---	---	---	14
15	---	---	---	8.283	8.783	8.578	7.843	---	---	---	---	---	15
16	---	---	---	8.443	8.783	8.783	7.833	---	---	---	---	---	16
17	---	---	---	8.483	8.748	8.888	7.883	---	---	---	---	---	17
18	---	---	---	8.493	8.728	8.418	7.843	---	---	---	---	---	18
19	---	---	---	8.533	8.888	8.333	7.813	---	---	---	---	---	19
20	---	---	---	8.743	8.698	8.313	7.883	---	---	---	---	---	20
21	---	---	---	8.903	8.823	8.263	7.883	---	---	---	---	---	21
22	---	---	---	8.013	8.493	8.208	7.833	---	---	---	---	---	22
23	---	---	---	8.903	8.493	8.183	7.813	---	---	---	---	---	23
24	---	---	---	8.783	8.843	8.163	7.473	---	---	---	---	---	24
25	---	---	---	8.713	8.808	8.103	7.483	---	---	---	---	---	25
26	---	---	---	8.673	8.808	8.088	7.483	---	---	---	---	---	26
27	---	---	---	8.823	8.828	8.088	7.433	---	---	---	---	---	27
28	---	---	---	8.883	8.843	8.008	7.413	---	---	---	---	---	28
29	---		---	8.813	8.838	7.958	7.403	---	---	---	---	---	29
30	---		---	8.713	8.803	7.943	7.393	---	---	---	---	---	30
31	---		---		8.883		7.383	---		---	---	---	31
MEAN	---	---	---	8.206	8.627	8.533	7.648	---	---	---	---	---	MEAN
MAX	---	---	---	8.013	8.903	8.103	7.883	---	---	---	---	---	MAX
MIN	---	---	---	7.863	8.493	7.943	7.383	---	---	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 8.903 ON MAY 11

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 01 18 N
LONG 118 24 38 W
DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

NATURAL FLOW

DRAINAGE AREA,
8 030 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 500.000 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

KETTLE RIVER NEAR LAURIER - STATION NO. 08NN012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.3 B	8.918	12.38	36.2	348	342	78.0	14.5	15.5	7.33	14.8	20.8	1
2	11.3 B	8.808	11.08	37.4	366	324	74.3	13.7	15.0	8.04	14.0	18.8	2
3	11.8 B	7.938	10.88	37.1	308	323	76.4	13.3	15.8	8.71	14.0	18.1	3
4	11.8 B	7.838	11.38	36.4	311	306	78.8	13.1	17.1	8.83	14.5	18.8	4
5	11.8 B	8.808	12.38	36.7	317	294	88.5	13.0	16.8	8.80	17.3	21.4	5
6	11.6 B	8.808	12.78	36.2	348	282	83.1	13.2	16.4	8.84	20.3	24.1	6
7	11.0 B	8.808	13.38	36.8	386	276	87.8	13.2	16.4	8.46	23.4	24.2	7
8	8.918	8.808	13.88	36.3	422	280	83.0	12.4	16.3	8.43	21.2	23.2	8
9	10.2 B	8.808	14.38	41.1	411	236	46.7	12.2	17.1	8.40	20.3	21.8	9
10	10.5 B	8.808	16.38	43.9	436	222	45.8	11.9	16.8	8.51	21.8	21.7	10
11	10.8 B	8.808	17.0	47.0	488	202	44.7	12.8	15.2	8.57	27.0	18.8	11
12	11.0 B	8.808	16.8	53.8	413	188	44.2	11.8	14.8	8.84	41.3	18.1	12
13	11.3 B	8.808	17.8	66.4	323	172	42.8	11.2	13.8	8.88	44.2	18.7	13
14	11.3 B	8.808	18.7	84.4	273	164	40.2	10.7	13.1	8.77	38.8	18.2	14
15	11.3 B	8.808	18.8	114	247	176	38.2	10.3	12.4	8.84	34.8	20.8	15
16	11.0 B	8.808	18.3	147	236	226	36.8	10.8	11.7	7.38	31.1	18.4	16
17	10.8 B	8.808	18.8	188	231	183	36.8	11.2	11.3	7.82	28.8	18.1	17
18	10.8 B	8.808	18.4	180	237	183	38.2	12.2	10.8	7.87	28.2	15.38	18
19	10.8 B	8.088	18.1	172	221	161	38.4	13.8	10.4	7.82	28.8	14.78	19
20	10.8 B	8.348	17.8	210	201	136	32.8	14.8	10.2	7.38	27.8	15.38	20
21	10.8 B	8.818	18.1	248	188	128	30.7	14.4	9.87	7.48	28.8	15.8	21
22	11.0 B	10.8 B	18.0	274	178	118	27.3	13.8	9.88	7.84	26.4	17.8	22
23	10.8 B	11.0 B	18.3	288	178	113	26.8	14.0	9.46	8.30	26.4	17.8	23
24	8.818	11.8 B	18.4	231	183	108	23.9	14.2	9.15	10.1	23.1	17.7	24
25	8.818	12.2 B	18.8	217	188	101	22.1	15.2	8.88	20.1	22.8	17.8	25
26	10.2 B	12.8 B	20.7	210	177	98.1	20.8	15.0	8.58	22.0	23.8	17.4	26
27	10.8 B	12.2 B	21.8	197	181	94.3	18.4	14.4	8.38	21.8	22.3	17.8	27
28	10.8 B	12.8 B	22.7	190	198	88.3	18.3	14.4	8.18	20.1	20.8	17.1	28
29	10.8 B		25.7	185	206	81.8	17.3	18.0	7.84	18.4	21.2	18.7	29
30	11.0 B		26.4	218	196	77.8	16.4	17.2	7.88	17.1	21.7	18.3	30
31	11.0 B		26.3		208		16.8	16.3		16.8		18.8	31
TOTAL	337.33	264.38	548.8	3 781.4	8 407	8 803.3	1 388.0	414.3	383.07	307.03	748.2	571.1	TOTAL
MEAN	10.9	9.44	17.7	126	271	183	48.8	13.4	12.8	9.90	24.8	18.4	MEAN
MAX	11.8	12.8	26.4	274	488	323	78.4	17.2	19.8	22.0	44.2	24.2	MAX
MIN	8.81	7.83	10.8	36.2	178	77.8	16.8	10.2	7.88	8.40	14.0	14.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 81.7
MAXIMUM DAILY, 488 ON MAY 11
MINIMUM DAILY, 8.40 ON OCT 8
MAXIMUM INSTANTANEOUS,
631 AT 15:00 PST ON MAY 11

SUMMARY FOR THE YEAR 1988

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 04 N
LONG 118 12 05 W
DRAINAGE AREA, 8 840 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	33 100	JUL	110 000
FEB	33 800	AUG	38 800
MAR	47 800	SEP	33 100
APR	336 000	OCT	38 800
MAY	726 000	NOV	64 400
JUN	476 000	DEC	49 300

TOTAL DISCHARGE, 1 940 000 dam³

KETTLE RIVER NEAR WESTBRIDGE - STATION NO. 08NN028

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	5.85	91.9	114	25.4	4.07E	5.54	---	---	---	1
2	---	---	---	5.80	106	136	27.8	3.83	7.40	---	---	---	2
3	---	---	---	5.56	114	142	30.1	4.14	8.14	---	---	---	3
4	---	---	---	5.32	110	126	25.6	4.98	10.1	---	---	---	4
5	---	---	---	5.39	119	126	22.3	5.81	7.70	---	---	---	5
6	---	---	---	5.89	126	127	20.4	4.98	6.80	---	---	---	6
7	---	---	---	6.26	128	115	13.6	4.48	6.00	---	---	---	7
8	---	---	---	6.89	124	99.8	17.6	3.69	7.00	---	---	---	8
9	---	---	---	7.52	121	85.8	16.1	3.69	6.39	---	---	---	9
10	---	---	---	8.15	176	88.0	15.0	4.00	6.74	---	---	---	10
11	---	---	---	9.43	198	77.5	15.6	3.70	5.14	---	---	---	11
12	---	---	---	11.0	140	88.1	14.7	2.88E	5.41	---	---	---	12
13	---	---	---	14.2	111	85.9	14.8	2.02	5.32	---	---	---	13
14	---	---	---	19.2	95.1	82.1	13.9	3.00	4.15	---	---	---	14
15	---	---	---	27.6	89.5	112	13.4	3.95	4.38	---	---	---	15
16	---	---	---	40.4	88.5	88.7	10.5	4.31	4.47	---	---	---	16
17	---	---	---	43.0	88.6	72.3	12.3	5.88	4.00	---	---	---	17
18	---	---	---	44.6	88.6	68.4	12.4	5.83	3.90	---	---	---	18
19	---	---	---	50.2	78.6	62.5	10.6	5.01	4.10	---	---	---	19
20	---	---	---	64.8	70.3	55.0	9.43	4.96	3.90	---	---	---	20
21	---	---	---	77.2	85.9	47.7	8.42	5.62	3.51	---	---	---	21
22	---	---	---	78.9	82.4	43.3	8.67	5.34	3.05	---	---	---	22
23	---	---	---	70.4	80.2	46.9	7.18	5.48	3.17	---	---	---	23
24	---	---	---	64.4	88.5	36.9	6.05	5.43	3.30	---	---	---	24
25	---	---	---	64.0	85.9	37.1	6.13E	5.34	3.25	---	---	---	25
26	---	---	---	59.5	88.9	37.5	6.47	5.26	2.84	---	---	---	26
27	---	---	---	56.4	86.5	33.5	6.76	5.80	2.76	---	---	---	27
28	---	---	---	56.2	76.0	30.4	3.88	5.25	2.60	---	---	---	28
29	---	---	---	63.1	72.4	27.5	5.64	7.33	2.82	---	---	---	29
30	---	---	---	78.3	77.7	26.8	3.68	6.61	2.68	---	---	---	30
31	---	---	---		92.1		4.80	6.24		---	---	---	31
TOTAL	---	---	---	1 082.84	3 188.2	2 284.0	408.17	154.44	148.17	---	---	---	TOTAL
MEAN	---	---	---	36.1	102	76.1	13.2	4.98	4.87	---	---	---	MEAN
MAX	---	---	---	78.9	198	142	30.1	8.28	10.1	---	---	---	MAX
MIN	---	---	---	5.32	90.2	26.8	3.68	2.02	2.68	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 198 ON MAY 11

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 13 48 N
LONG 118 58 38 W
DRAINAGE AREA, 2 150 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	35 400
FEB	---	AUG	13 300
MAR	---	SEP	12 900
APR	80 900	OCT	---
MAY	273 000	NOV	---
JUN	195 000	DEC	---

KICKING HORSE RIVER AT GOLDEN - STATION NO. 08NA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.61B	2.85B	3.29B	5.04E	33.5E	82.3	104	88.5	81.1	25.8	13.1	12.9	1
2	3.90B	2.25B	2.36B	4.93E	34.5E	83.5	94.2	93.8	80.1	22.8	13.4	11.1	2
3	3.85B	2.28B	2.52B	4.70E	34.5E	80.5	84.1	84.8	84.1	21.3	13.3	11.5	3
4	3.68B	2.28B	2.75B	4.67E	37.0E	110	81.2	81.8	89.9	30.6	14.1	12.1	4
5	4.15B	2.70B	3.08B	4.82E	43.0E	120	84.1	77.2	90.0	21.1A	13.6	12.1	5
6	3.70B	2.85B	3.60B	5.08E	50.0E	183	82.8	77.0	84.8	19.8E	13.4	11.9	6
7	3.40B	3.08B	4.20B	5.24A	70.8E	177	88.6	78.1	80.8	18.8E	13.8	11.6	7
8	3.00B	3.20B	4.22B	5.33E	78.1E	157	97.2	83.0	48.7	17.8E	13.2	11.0	8
9	2.85B	3.38B	4.30B	5.40E	78.8E	152	90.4	84.8	45.0	17.8E	13.8	11.3	9
10	2.68B	3.28B	4.90B	5.71E	79.0E	184	84.9	88.4	42.0	36.8E	26.0	10.3	10
11	2.61B	3.07B	4.60B	6.30E	70.0E	198	88.8	80.4	38.1	27.8E	22.8	7.48	11
12	2.90B	3.01B	4.62B	7.40E	67.0E	189	84.1	77.2	37.3	24.0E	26.0	7.10B	12
13	3.72B	3.07B	4.63B	8.70E	60.2E	181	103	80.8	37.0	21.7E	20.8	7.30B	13
14	3.88B	3.10B	4.60B	12.8 E	48.0E	202	108	78.7	37.8	20.3E	18.8	7.61B	14
15	3.76B	3.13B	4.33B	17.0 E	47.8A	238	113	73.0	38.7	18.8E	16.0	7.73B	15
16	3.73B	3.11B	4.30B	17.0 E	47.7	228	127	67.3	36.8	17.6E	12.8 E	7.88B	16
17	3.68B	3.11B	4.18B	18.0 E	48.6	178	112	68.1	33.3	16.2E	12.6 E	7.48B	17
18	3.68B	3.16B	4.20B	18.2 E	50.4	138	108	67.3	31.4	16.8A	12.4 E	6.80B	18
19	3.68B	3.30B	4.38B	18.8 E	47.4	118	101	72.4	30.8	16.6	12.2 E	6.00B	19
20	3.46B	3.60B	4.80B	17.0 E	42.2	107	107	74.6	37.0	16.8	12.1 E	6.80B	20
21	3.29B	3.61B	4.79B	21.0 E	38.4	90.6	128	78.2	29.8	16.7	11.9 E	8.12B	21
22	3.17B	3.66B	4.98B	22.4 E	36.6	83.6	118	87.7	28.0	16.8	10.7 A	6.85B	22
23	3.84B	3.80B	5.00B	22.2 E	36.0	86.0	94.7	85.8	25.9	16.7	8.27	6.30B	23
24	3.80B	3.88B	5.02B	22.0 E	43.4	85.4	83.0	78.6	27.3	16.2	11.8	6.65B	24
25	3.57B	3.95B	5.10B	22.0 E	38.8	84.8	88.9	71.8	26.0	17.1	14.8	8.00B	25
26	2.88B	3.88B	5.20B	21.0 E	38.8	89.3	88.3	87.1	28.8	18.4	13.8	7.37B	26
27	2.85B	3.84B	5.40B	21.1 E	37.2	110	88.8	83.8	28.2	18.8	10.4	7.40B	27
28	3.04B	3.48B	5.42B	23.6 E	38.8	99.4	83.7	88.3	28.4	18.5	10.8	7.38B	28
29	3.30B		5.25B	26.0 E	34.8	87.3	88.3	85.3	28.8	18.5	12.8	7.31B	29
30	3.40B		5.13B	30.0 E	37.0	88.7	88.2	88.7	29.8	14.3	12.8	7.31B	30
31	3.78B		5.10B		48.4		89.2	84.8		14.1		7.30B	31
TOTAL	104.42	88.18	135.23	417.10	1 480.2	3 893.8	3 035.1	2 369.8	1 188.8	570.4	442.47	258.33	TOTAL
MEAN	3.37	3.15	4.36	13.9	47.7	122	97.6	78.4	39.0	18.8	14.7	8.33	MEAN
MAX	4.15	3.80	5.43	30.0	78.8	226	128	93.8	84.1	27.8	32.8	12.9	MAX
MIN	2.67	2.26	2.36	4.67	33.8	82.3	81.2	83.8	25.0	14.1	8.27	4.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 38.4
MAXIMUM DAILY, 235 ON JUN 15
MINIMUM DAILY, 2.26B ON FEB 2
MAXIMUM INSTANTANEOUS,
241 AT 16:13 MST ON JUN 15

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 17 54 N
LONG 116 58 40 W
DRAINAGE AREA, 1 850 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 020	JUL	261 000
FEB	7 620	AUG	205 000
MAR	11 700	SEP	101 000
APR	36 000	OCT	49 300
MAY	126 000	NOV	38 300
JUN	342 000	DEC	22 300

TOTAL DISCHARGE, 1 210 000 dam³

KILMARNOCK CREEK NEAR THE MOUTH - STATION NO. 08NK029

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.062E	0.622	1.34	0.645	0.151	0.488	0.113	---	---	1
2	---	---	---	0.061E	0.717	1.87	0.544	0.148	0.458	0.103	---	---	2
3	---	---	---	0.060E	0.683	2.42	0.512	0.145	0.503	0.098	---	---	3
4	---	---	---	0.060E	0.663	2.80	0.483	0.132	0.528	0.095	---	---	4
5	---	---	---	0.062E	0.760	3.10	0.448	0.125	0.565	0.100A	---	---	5
6	---	---	---	0.063E	1.10	3.79	0.420	0.120	0.681	---	---	---	6
7	---	---	---	0.068E	2.14	3.59	0.412	0.118	0.601	---	---	---	7
8	---	---	---	0.070E	2.80	3.24	0.381	0.108	0.618	---	---	---	8
9	---	---	---	0.070E	3.18	2.78	0.385	0.117	0.568	---	---	---	9
10	---	---	---	0.072E	3.23	2.43	0.401	0.128	0.488	---	---	---	10
11	---	---	---	0.073A	3.04	2.08	0.402	0.127	0.481	---	---	---	11
12	---	---	---	0.072E	2.39	1.95	0.387	0.114	0.428	---	---	---	12
13	---	---	---	0.070A	1.84	1.80	0.385	0.113	0.385	---	---	---	13
14	---	---	---	0.128	1.59	1.78	0.387	0.104	0.375	---	---	---	14
15	---	---	---	0.265	1.41	1.81	0.384	0.107	0.372	---	---	---	15
16	---	---	---	0.330	1.64	1.73	0.400	0.114	0.338	---	---	---	16
17	---	---	---	0.278	1.52	1.42	0.445	0.117	0.325	---	---	---	17
18	---	---	---	0.272	1.38	1.28	0.393	0.121	0.288	---	---	---	18
19	---	---	---	0.411	1.22	1.18	0.340	0.117	0.250	---	---	---	19
20	---	---	---	0.503	1.08	0.981	0.332	0.123	0.217	---	---	---	20
21	---	---	---	0.789	1.06	0.834	0.320	0.123	0.203	---	---	---	21
22	---	---	---	0.809	1.05	0.805	0.283	0.109	0.184	---	---	---	22
23	---	---	---	0.717	1.08	0.763	0.274	0.109	0.186	---	---	---	23
24	---	---	---	0.687	0.972	0.765	0.241	0.102	0.154	---	---	---	24
25	---	---	---	0.599	0.910	0.776	0.221	0.132	0.141	---	---	---	25
26	---	---	---	0.524	0.822	0.758	0.208	0.180	0.139	---	---	---	26
27	---	---	---	0.481	0.782	0.765	0.201	0.276	0.139	---	---	---	27
28	---	---	---	0.457	0.712	0.709	0.184	0.482	0.133	---	---	---	28
29	---		---	0.408	0.677	0.698	0.178	0.524	0.118	---	---	---	29
30	---		---	0.482	0.718	0.676	0.187	0.501	0.124	---	---	---	30
31	---		---		0.887		0.163	0.488		---		---	31
TOTAL	---	---	---	9.007	42.715	50.881	10.891	5.486	10.328	---	---	---	TOTAL
MEAN	---	---	---	0.300	1.38	1.70	0.351	0.176	0.344	---	---	---	MEAN
MAX	---	---	---	0.809	3.23	3.79	0.645	0.524	0.618	---	---	---	MAX
MIN	---	---	---	0.060	0.622	0.676	0.153	0.102	0.118	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 3.79 ON JUN 6

MAXIMUM INSTANTANEOUS,
4.40 AT 22:41 MST ON JUN 6

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 10 08 N
LONG 114 51 38 W
DRAINAGE AREA, 43.0 km^2
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	941
FEB	---	AUG	472
MAR	---	SEP	892
APR	778	OCT	---
MAY	3 690	NOV	---
JUN	4 390	DEC	---

KINBASKET LAKE AT MICA DAM - STATION NO. 08ND017

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	735.440	728.789	721.449	716.509	716.841	724.830	735.870	741.810	746.681	747.761	747.280	744.309	1
2	735.239	728.509	721.180	716.359	717.061	725.211	736.019	742.039	746.821	747.769	747.120	744.130	2
3	735.101	728.219	720.831	716.210	717.201	725.610	736.171	742.249	746.940	747.720	747.031	743.989	3
4	734.981	727.869	720.550	716.009	717.489	726.040	736.280	742.471	747.071	747.680	746.922	743.819	4
5	734.781	727.710	720.349	715.769	717.709	726.521	736.439	742.639	747.190	747.671	746.881	743.681	5
6	734.602	727.489	720.130	715.539	718.039	727.049	736.571	742.880	747.309	747.659	746.729	743.520	6
7	734.348	727.231	719.880	715.329	718.411	727.552	736.729	743.080	747.431	747.699	746.611	743.450	7
8	734.111	727.009	719.630	715.180	718.610	728.009	736.909	743.230	747.519	747.760	746.501	743.439	8
9	733.870	726.789	719.441	715.070	719.230	728.489	737.070	743.410	747.617	747.789	746.440	743.270	9
10	733.628	726.530	719.371	714.962	719.682	728.981	737.220	743.511	747.711	747.851	746.440	743.112	10
11	733.394	726.351	719.401	714.899	720.089	729.480	737.400	743.639	747.780	747.889	746.400	742.901	11
12	733.181	726.070	719.401	714.899	720.450	729.999	737.570	743.779	747.812	747.881	746.383	742.691	12
13	732.950	725.781	719.270	714.820	720.739	730.490	737.771	743.980	747.880	747.851	746.281	742.481	13
14	732.739	725.509	719.109	714.869	721.020	731.180	737.981	744.111	747.940	747.840	746.199	742.289	14
15	732.553	725.241	718.929	714.960	721.300	731.800	738.280	744.281	748.001	747.870	746.089	742.089	15
16	732.398	724.981	718.740	715.061	721.599	732.319	738.570	744.361	748.071	747.909	746.001	741.920	16
17	732.209	724.671	718.599	715.149	721.910	732.761	738.789	744.471	748.119	747.881	745.879	741.719	17
18	732.041	724.380	718.450	715.219	722.190	733.142	738.982	744.561	748.150	747.879	745.730	741.480	18
19	731.880	724.082	718.318	715.311	722.400	733.489	739.180	744.689	748.101	747.861	745.611	741.301	19
20	731.739	723.760	718.168	715.390	722.620	733.751	739.389	744.860	748.049	747.812	745.510	741.100	20
21	731.541	723.481	718.039	715.480	722.809	733.971	739.600	745.029	748.031	747.639	745.373	740.889	21
22	731.310	723.199	717.961	715.599	722.989	734.181	739.801	745.209	747.979	747.669	745.300	740.740	22
23	731.041	723.031	717.841	715.710	723.150	734.370	740.000	745.349	747.970	747.680	745.239	740.670	23
24	730.770	722.821	717.700	715.829	723.339	734.580	740.170	745.501	748.010	747.651	745.189	740.649	24
25	730.489	722.602	717.539	715.951	723.519	734.781	740.350	745.761	747.970	747.612	745.081	740.591	25
26	730.231	722.300	717.380	716.079	723.859	734.879	740.521	745.931	747.930	747.751	745.001	740.580	26
27	729.980	721.971	717.179	716.201	723.761	735.220	740.719	746.089	747.869	747.671	744.849	740.489	27
28	729.731	721.712	717.039	716.329	723.931	735.379	740.911	746.211	747.821	747.601	744.739	740.341	28
29	729.511		716.911	716.489	724.101	735.631	741.121	746.300	747.780	747.519	744.660	740.179	29
30	729.261		716.771	716.640	724.250	735.690	741.389	746.431	747.769	747.440	744.611	740.061	30
31	729.068		716.649		724.500		741.581	746.541		747.361		739.980	31
MEAN	732.391	725.288	718.779	715.587	721.118	731.174	738.662	744.333	747.710	747.770	745.930	741.991	MEAN
MAX	735.440	728.789	721.449	716.640	724.500	735.690	741.581	746.541	748.150	747.970	747.280	744.309	MAX
MIN	729.068	721.712	716.649	714.820	716.841	724.830	735.870	741.810	746.681	747.361	744.611	739.980	MIN

WATER LEVELS IN METRES

MEAN, 734.283
MAXIMUM DAILY, 748.150 ON SEP 18
MINIMUM DAILY, 714.820 ON APR 13

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 04 41 N
LONG 118 33 42 W
DATA CONTRIBUTED BY -
BRITISH COLUMBIA HYDRO AND POWER AUTHORITY

REGULATED SINCE 1973

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

KIMBASKET LAKE BELOW GARRETT CREEK - STATION NO. 08NB017

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	735.551	728.272	721.650E	716.600E	716.591	724.916	735.790E	741.713	748.548	747.830	747.237	744.088	1
2	736.406	728.985	721.370E	716.480E	716.747	725.271	735.820E	741.918	748.887	747.830	747.103	743.872	2
3	735.248	728.716	721.060E	716.310E	716.852	725.641	736.070E	742.125	748.827	747.788	746.975	743.734	3
4	735.145	728.486	720.730E	716.760A	717.163	726.044	736.220E	742.330	748.830	747.780	746.884	743.586	4
5	736.000	728.276	720.480E	716.831	717.389	726.459	736.380E	742.581	747.071	747.756	746.784	743.439	5
6	734.826	728.047	720.300E	716.313	717.672	726.886	736.490E	742.784	747.196	747.738	746.891	743.320	6
7	734.626	727.772	720.040E	716.186	718.041	727.240E	736.630E	742.891	747.341	747.738	746.835	743.211	7
8	734.389	727.531	719.800E	714.885	718.413	727.740E	736.790E	743.213	747.412	747.788	746.416	743.178	8
9	734.205	727.334	719.570E	714.881	718.818	728.170E	736.880E	743.336	747.512	747.826	746.317	743.081	9
10	733.980A	727.074	719.420E	714.781	719.248	728.670E	737.130E	743.490	747.807	747.876	746.306	742.889	10
11	733.887	726.853	719.260E	714.723	719.691	729.150E	737.280E	743.588	747.898	747.896	746.300	742.712	11
12	733.680	726.658	719.410E	714.676	720.072	729.630E	737.460E	743.739	747.761	747.904	746.244	742.517	12
13	733.295	726.388	719.360E	714.634	720.385	730.200E	737.630E	743.905	747.789	747.909	746.174	742.326	13
14	733.075	726.107	719.220E	714.623	720.688	730.710E	737.660E	744.053	747.872	747.925	746.088	742.113	14
15	732.885	725.868	719.070E	714.712	720.940	731.380E	738.100E	744.211	747.947	747.956	746.088	741.880	15
16	732.724	725.662	718.880E	714.813	721.231	731.980E	738.400E	744.348	748.023	747.955	745.880	741.789	16
17	732.573	725.224A	718.670E	714.805	721.788	732.470E	738.670E	744.471	748.074	747.887	745.738	741.575	17
18	732.413	724.850E	718.850E	714.877	722.411	732.890E	738.761A	744.541	748.131	747.873	745.587	741.380	18
19	732.233	724.100E	718.450E	715.048	722.860	733.260E	739.052	744.649	748.138	747.880	745.480	741.126	19
20	732.104	723.880E	718.880E	715.124	722.889	733.580E	739.243	744.788	748.089	747.827	745.384	740.948	20
21	731.940	723.880E	718.430E	715.209	723.053	733.850E	739.447	744.934	748.039	747.802	745.288	740.782	21
22	731.718	723.380E	718.320E	715.284	723.324	734.080E	739.736	745.181	748.038	747.826	745.117	740.680	22
23	731.437	723.180E	717.880E	715.430	723.370	734.260E	739.837	745.338	748.013	747.824	745.021	740.491	23
24	731.188	722.870E	717.790E	715.559	723.540	734.650E	740.144	745.488	747.898	747.830	744.941	740.458	24
25	730.944	722.740E	717.650E	715.668	723.722	734.840E	740.322	745.812	748.021	747.784	744.887	740.422	25
26	730.871	722.500E	717.480E	715.780	723.855	735.080E	740.482	745.787	747.995	747.732	744.788	740.382	26
27	730.647	722.190E	717.310E	715.928	723.842	735.260E	740.650	745.829	747.893	747.684	744.630	740.324	27
28	730.317	721.850E	717.130E	716.064	724.114	735.430E	740.842	745.080	747.853	747.603	744.502	740.218	28
29	729.956		717.000E	716.188	724.280	735.560E	741.021	746.193	747.854	747.508	744.384	740.087	29
30	729.708		716.720E	716.366	724.457	735.650E	741.263	746.268	747.842	747.422	744.281	739.922	30
31	729.556		716.550E		724.638		741.803	746.416		747.330		739.783	31
MEAN	733.733	725.891	719.826	715.383	721.029	731.034	738.467	744.284	747.877	747.784	745.784	741.814	MEAN
MAX	735.551	728.272	721.650	716.600	724.638	735.650	741.803	746.416	748.138	747.956	747.237	744.088	MAX
MIN	729.556	721.850	716.550	714.623	716.591	724.916	735.790	741.713	746.848	747.330	744.281	739.783	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MEAN, 734.278
MAXIMUM DAILY, 748.138 ON SEP 18
MINIMUM DAILY, 714.623 ON APR 14
MAXIMUM INSTANTANEOUS,
748.180 AT 17:54 MST ON SEP 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 53 00 N
LONG 117 53 30 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

KIRBYVILLE CREEK NEAR THE MOUTH - STATION NO. 08NB018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.60 B	0.8008	0.8008	0.882	5.93	19.2	17.2	7.81	5.48	4.02	2.38	1.76	1
2	1.80 B	0.8008	0.8188	0.917	6.20	17.8	16.8	8.46	5.68	3.87	2.18	1.71	2
3	1.80 B	0.7208	0.8188	0.827	6.37	17.2	14.9	10.0	6.01	3.82	2.23	1.68	3
4	1.28 B	0.8808	0.7908	0.812	6.84	17.7	13.9	9.10	6.13	3.78	2.30	1.76	4
5	1.24 B	0.7208	0.7708	0.848	7.88	20.0	13.0	8.18	5.78	3.80	2.28	1.73	5
6	1.18 B	0.7408	0.7808	0.878	10.3	20.5	12.4	7.88	5.58	3.80	2.28	1.83 A	6
7	1.00 B	0.7808	0.748	1.00	10.8	17.7	12.8	7.80	5.60	3.80	2.23	1.80 E	7
8	0.8808	0.7908	0.732	1.02	10.8	15.8	13.7	7.80	5.62	3.73	2.31	1.76 E	8
9	0.9208	0.8108	0.718	1.01	12.0	16.0	13.2	7.97	5.27	3.47	2.28	1.78 E	9
10	0.9588	0.8208	0.838	1.02	14.3	17.0	12.3	8.96	5.13	3.33	7.60	1.68 E	10
11	1.10 B	0.8208	0.883	1.11	13.2	17.7	13.3	8.82	5.15	4.58	5.88	1.68 E	11
12	1.17 B	0.8408	0.870	1.20	9.84	18.1	12.8	8.72	5.28	4.28	4.23	1.48 B	12
13	1.17 B	0.8808	0.884	1.27	8.70	18.4	13.8	7.23	5.47	3.88	3.87	1.43 B	13
14	1.22	0.8808	0.818	1.88	8.84	28.3	13.8	8.88	5.43	3.82	3.49	1.80 B	14
15	1.33	0.8708	0.814	2.18	10.1	24.3	14.3	8.28	5.20	3.81	3.08	1.88 B	15
16	1.27	0.8888	0.787	2.28	11.0	19.1	18.4	8.08	5.07	3.44	2.97	1.88 E	16
17	1.27	0.9008	0.788	2.11	10.8	18.4	14.8	7.84	5.38	3.38	2.84	1.80 E	17
18	1.28	0.9108	0.761	2.08	9.71	18.5	12.9	6.82	4.88	3.87	2.76	1.80 E	18
19	1.26	0.9208	0.781	2.26	8.84	18.0	11.7	7.03	4.82	3.84	2.88	1.42 B	19
20	1.21	0.9308	0.768	2.87	7.80	18.2	11.8	7.43	4.80	3.88	2.89	1.32 B	20
21	1.21	0.884A	0.778	3.08	8.77	14.8	11.2	13.3	4.78	4.18	2.81	1.30 B	21
22	1.18	0.781	0.828	2.84	8.32	18.2	9.82	12.4	4.72	4.28	2.24	1.18 B	22
23	1.01 B	0.783	0.833	2.88	7.03	16.8	8.83	9.48	4.70	4.20	2.18	0.8808	23
24	0.9208	0.780	0.801	2.83	6.81	16.8	8.38	7.62	4.67	4.28	2.20	1.20 B	24
25	0.8508	0.803	0.788	2.95	6.83	16.8	7.88	6.87	4.48	4.84	2.13	1.40 B	25
26	0.8308	0.734	0.818	3.18	6.80	15.8	7.67	6.83	4.88	4.28	2.08	1.58 B	26
27	0.8708	0.788	0.821	3.23	6.83	16.1	8.87	6.38	4.82	4.08	2.04	1.70 E	27
28	1.07	0.728	0.861	3.82	7.80	14.8	8.33	6.13	4.48	3.88	1.88	1.88 E	28
29	1.12		0.881	4.08	8.88	14.8	8.08	6.12	4.48	3.88	1.89	1.88 E	29
30	1.01 B		0.858	4.88	10.4	16.8	8.18	6.13	4.27	3.84	1.87	1.80 E	30
31	0.8878		0.894		14.8		8.33	8.08		3.83		1.47 B	31
TOTAL	38.432	23.887	25.492	82.021	278.52	534.3	372.37	244.01	155.47	121.82	84.07	47.880	TOTAL
MEAN	1.14	0.818	0.822	2.87	8.98	17.8	12.0	7.87	5.18	3.83	2.80	1.84	MEAN
MAX	1.80	0.884	0.884	4.88	14.8	28.3	18.3	13.3	6.88	4.88	7.80	1.83	MAX
MIN	0.880	0.880	0.718	0.882	6.82	14.8	7.87	6.12	4.27	2.83	1.87	0.880	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1988

MEAN, 6.44
MAXIMUM DAILY, 28.3 ON JUN 14
MINIMUM DAILY, 0.6808 ON FEB 4
MAXIMUM INSTANTANEOUS,
30.8 AT 12:20 PST ON JUN 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 38 22 N
LONG 118 40 14 W
DRAINAGE AREA, 112 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 080	JUL	22 300
FEB	1 980	AUG	21 100
MAR	2 200	SEP	13 400
APR	5 380	OCT	10 900
MAY	24 100	NOV	7 280
JUN	48 200	DEC	4 140

TOTAL DISCHARGE, 172 000 dam³

KISKATINAW RIVER NEAR FARMINGTON - STATION NO. 07FD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4208	0.0708	0.1308	0.700B	14.4	13.0	19.4	5.28	16.2	6.41	3.128	2.528	1
2	0.4358	0.0808	0.1378	1.28 B	14.3	12.1	17.2	5.28	15.0	6.82	3.108	2.518	2
3	0.4388	0.1078	0.1808	2.18 B	14.0	10.8	15.8	5.08	13.8	6.87	3.108	2.488	3
4	0.4008	0.1128	0.1808	4.00 B	14.0	9.56	14.3	4.85	11.9	6.57	3.098	2.438	4
5	0.3878	0.1268	0.1688	8.34 B	14.0	7.94	12.5	4.65	10.5	6.48	3.058	2.418	5
6	0.2808	0.1298	0.1708	10.0 B	13.2	8.98	11.5	5.38	9.18	6.15	3.018	2.388	6
7	0.2308	0.1328	0.1798	12.0 B	12.3	8.29	9.94	5.40	8.44	5.88	2.888	2.348	7
8	0.2218	0.1388	0.1878	13.4 B	11.6	8.56	8.20	4.83	8.15	5.60	2.698	2.328	8
9	0.2328	0.1508	0.1708	15.1 B	10.7	8.82	7.48	4.48	8.88	5.84	2.618	2.288	9
10	0.2488	0.1478	0.1908	17.4 B	9.89	8.43	8.29	4.23	10.1	5.32	2.748	2.238	10
11	0.2678	0.1578	0.1508	18.1 B	9.03	8.48	12.4	3.88	9.84	5.09	2.678	2.148	11
12	0.2808	0.1528	0.1508	18.9 B	8.08	18.9	15.8	4.02	8.80	4.81	2.628	2.118	12
13	0.2858	0.1678	0.1808	19.1 B	7.32	19.1	14.9	4.88	7.89	4.70	2.578	2.008	13
14	0.2248	0.1208	0.1808	18.5 B	6.89	18.3	12.3	5.87	7.08	4.44	2.538	1.888	14
15	0.2608	0.1028	0.1758	17.4 B	6.61	13.6	10.4	6.85	6.67	4.26	2.528	1.868	15
16	0.2328	0.0908	0.1888	14.1 B	6.16	11.1	10.0	8.07	6.21	4.11	2.548	1.858	16
17	0.2318	0.0888	0.1678	11.3 B	5.90	9.75	9.71	9.83	5.88	3.87	2.588	1.858	17
18	0.2408	0.0858	0.1908	11.1 B	5.18	8.14	11.0	12.1	5.80	3.82	2.618	1.778	18
19	0.2628	0.1088	0.1758	11.8 B	4.86	7.04	11.6	17.8	5.22	3.83	2.608	1.688	19
20	0.2738	0.1208	0.1838	12.4 B	5.03	6.35	11.4	24.1	5.21	3.87	2.698	1.658	20
21	0.2458	0.1288	0.2108	13.5 B	5.58	5.89	9.64	25.1	5.24	3.60	2.548	1.438	21
22	0.2008	0.1588	0.2208	14.2 B	7.01	5.31	8.38	22.0	5.26	3.53	2.518	1.308	22
23	0.1738	0.1708	0.2388	14.4 B	11.8	4.80	6.80	18.6	5.30	3.61	2.488	1.288	23
24	0.1658	0.1408	0.2308	14.2 B	16.8	4.78	7.73	25.3	5.28	4.02	2.448	1.278	24
25	0.2508	0.1458	0.2248	14.3	18.8	4.89	8.83	48.1	5.13	4.01	2.428	1.268	25
26	0.2678	0.1528	0.2158	13.9	19.2	4.84	8.37	44.4	4.92	4.06	2.418	1.258	26
27	0.2858	0.1458	0.2148	14.3	21.6	5.04	7.98	37.4	4.86	3.88	2.438	1.228	27
28	0.2498	0.1308	0.2208	13.8	21.1	5.36	8.17	31.8	4.44	3.628	2.508	1.188	28
29	0.1408		0.2388	13.7	18.4	12.7	7.22	28.8	4.84	3.608	2.518	1.128	29
30	0.0858		0.2858	14.2	17.1	21.8	8.75	23.7	4.78	3.388	2.838	1.088	30
31	0.0628		0.3058		14.8		8.88	20.8		3.188		1.048	31
TOTAL	7.937	3.862	5.648	375.400	387.32	274.84	339.29	479.78	234.12	140.13	80.48	58.38	TOTAL
MEAN	0.256	0.137	0.188	12.5	11.6	9.15	10.8	15.5	7.80	4.62	2.88	1.83	MEAN
MAX	0.436	0.170	0.308	19.1	21.6	21.8	19.4	48.1	16.2	6.57	3.12	2.62	MAX
MIN	0.062	0.070	0.130	0.700	4.86	4.84	5.86	3.86	4.44	3.18	2.41	1.04	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.45
MAXIMUM DAILY, 48.1 ON AUG 25
MINIMUM DAILY, 0.0628 ON JAN 31
MAXIMUM INSTANTANEOUS,
49.8 AT 19:29 PST ON AUG 25

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 57 25 N
LONG 120 33 45 W
DRAINAGE AREA, 3 870 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	886	JUL	28 500
FEB	306	AUG	41 500
MAR	506	SEP	20 200
APR	33 400	OCT	12 100
MAY	31 700	NOV	8 050
JUN	23 700	DEC	4 870

TOTAL DISCHARGE, 203 000 dam³

KISPIOX RIVER NEAR HAZELTON - STATION NO. 08ED004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.608	6.008	6.858	7.208	187	177	58.1	25.9	10.8	37.4	28.2	38.8	1
2	6.608	6.708	6.808	7.408	208	143	54.0	21.8	9.41	28.9	29.0	36.7	2
3	6.608	6.858	6.938	7.708	210	141	51.3	17.5	9.13	23.5	83.1	86.3	3
4	6.558	6.808	6.958	7.858	198	138	51.1	16.9	11.6	24.3	108	87.5	4
5	6.358	6.408	6.108	8.808	134	203	49.2	26.3	17.5	80.5	81.5	86.0	5
6	6.158	6.358	6.158	9.808	114	156	41.8	24.3	13.5	44.5	85.2	89.9	6
7	6.608	6.348	6.208	15.0	163	119	40.7	21.4	11.4	33.8	85.9	85.3	7
8	6.608	6.328	6.208	18.8	196	114	48.2	19.1	11.0	33.1	80.9	80.9	8
9	6.408	6.358	6.188	22.4	210	107	51.1	18.8	10.6	30.3	48.5	48.7	9
10	6.308	6.388	6.188	24.8	133	110	50.2	18.9	9.87	48.4	40.8	40.3	10
11	6.258	6.368	6.148	31.0	118	118	55.8	17.2	8.73	40.3	36.2	35.6	11
12	6.208	6.448	6.128	39.8	86.1	138	48.2	13.4	7.80	41.4	33.8	35.8	12
13	6.208	6.508	6.128	42.7	84.5	120	48.6	16.8	8.12	38.8	30.3	33.4	13
14	6.258	6.608	6.188	50.8	80.8	181	47.8	27.8	7.74	36.1	27.6	32.3	14
15	6.258	6.678	6.168	64.0	86.8	111	40.8	24.4	7.41	33.3	24.8	32.8	15
16	6.308	6.608	6.188	83.0	123	82.2	33.0	23.1	7.08	33.7	24.8	31.0	16
17	6.438	6.858	6.208	88.8	108	88.4	30.4	15.7	6.18	28.1	27.8	30.8	17
18	6.908	6.058	6.228	88.8	82.8	72.2	28.8	17.8	8.88	37.8	32.7	29.0	18
19	6.808	6.108	6.238	88.8	83.7	88.0	38.0	15.8	8.44	84.8	116	28.8	19
20	6.958	6.308	6.258	88.1	81.8	84.2	33.0	17.1	84.0	88.7	81.5	20.4	20
21	9.058	6.308	6.278	78.4	73.1	48.8	30.8	25.3	88.7	83.8	81.2	18.8	21
22	9.108	6.208	6.308	84.7	72.8	45.8	30.8	38.8	42.8	44.2	49.8	18.8	22
23	9.208	6.108	6.358	80.8	72.8	83.8	39.7	27.0	31.2	37.8	41.7	28.7	23
24	9.308	6.008	6.408	78.4	72.7	80.8	31.3	32.3	27.2	33.4	41.2	38.4	24
25	9.308	5.888	6.438	81.0	78.4	81.8	28.7	18.3	30.8	30.8	38.3	38.0	25
26	9.378	5.708	6.508	86.2	78.7	78.7	24.3	16.3	17.8	34.2	33.4	88.8	26
27	9.258	5.658	6.588	102	78.8	88.2	24.3	16.8	16.3	38.3	31.1	121	27
28	9.108	5.608	6.638	118	83.7	49.1	33.1	14.8	13.8	32.1	28.4	118	28
29	8.908		6.788	135	113	82.2	28.1	12.8	82.8	28.4	35.8	81.8	29
30	6.808		6.858	158	184	83.4	25.8	12.3	88.7	28.8	36.3	88.1	30
31	7.808		7.038		180		24.2	11.7		30.2		87.8	31
TOTAL	272.78	188.81	184.87	1 888.18	3 782.8	3 818.4	1 217.8	812.0	882.88	1 188.2	1 418.4	1 481.7	TOTAL
MEAN	8.83	6.71	6.26	88.8	122	101	39.3	18.7	20.1	37.8	47.2	47.2	MEAN
MAX	9.80	8.20	7.03	188	210	203	88.1	38.8	84.0	88.8	118	121	MAX
MIN	7.80	5.32	6.88	7.30	72.7	48.8	24.2	11.7	7.08	23.8	24.8	18.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 42.7
MAXIMUM DAILY, 210 ON MAY 3
MINIMUM DAILY, 6.328 ON FEB 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 28 00 N
LONG 127 44 31 W
DRAINAGE AREA, 1 870 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	33 700	JUL	105 000
FEB	13 800	AUG	82 000
MAR	16 000	SEP	52 100
APR	144 000	OCT	101 000
MAY	326 000	NOV	122 000
JUN	281 000	DEC	128 000

TOTAL DISCHARGE, 1 380 000 dam³

KITIMAT RIVER BELOW HIRSCH CREEK - STATION NO. 08FF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	85.0B	51.3B	22.8B	58.7E	383	317	208	107	57.4	77.0	88.2	226	1
2	85.0B	48.0B	22.8B	58.0E	372	287	184	103	52.0	88.0	113	886	2
3	84.6B	44.0B	22.4B	57.8E	341	282	168	100	57.9	84.7	478	583	3
4	83.6B	42.0B	22.2B	57.2E	274	239	147	89.8	58.7	71.2	272	408	4
5	80.0B	40.0B	22.0B	56.7E	278	242	126	108	71.8	80.8	141	268	5
6	85.0B	38.3B	21.8B	57.0E	481	286	124	88.4	80.2	82.2	105	187	6
7	80.0B	36.8B	21.8B	57.8A	440	237	116	87.7	88.1	85.1	83.8	118	7
8	47.0B	35.8B	21.7B	58.1	382	238	121	80.8	78.7	136	237	83.4	8
9	44.5B	34.8B	21.6B	58.4	321	219	133	85.7	88.0	186	262	77.4	9
10	43.5B	33.3B	21.5B	65.0	216	226	186	88.0	87.5	143	272	86.5	10
11	49.0B	32.0B	21.4B	84.4	185	280	180	73.7	83.3	171	126	81.1	11
12	74.0B	31.5B	21.3B	100	135	275	179	79.6	82.6	186	80.3	88.7	12
13	84.0B	31.0B	21.2B	94.3	124	281	182	82.5	80.8	122	75.7	81.2	13
14	85.0B	30.5B	21.1B	142	134	282	188	93.7	87.4	107	82.4	80.5	14
15	48.0B	29.8B	21.0B	180	183	206	131	83.9	42.8	82.8	88.1	88.7	15
16	84.0B	28.9B	21.0B	108	209	172	119	82.5	38.8	87.6	80.7	84.1	16
17	82.0B	28.0B	21.0B	100	184	148	126	88.2	36.4	284	138	80.7	17
18	86.5B	27.5B	21.0B	104	133	136	126	87.8	31.8	414	1 020 A	47.8	18
19	87.0B	26.5B	21.0B	130	130	121	117	88.5	78.8	320	710 A	46.6	19
20	82.0B	26.1B	21.0B	188	118	116	123	88.4	124	387	304	46.1	20
21	85.5B	25.8B	21.1B	188	104	141	113	187	87.7	172	138	80.0	21
22	86.5B	25.4B	21.4B	148	103	158	107	102	82.5	108	86.5	248	22
23	86.0B	25.0B	24.0B	140	117	186	103	78.5	70.5	78.3	87.4	277	23
24	86.5B	24.4B	26.0B	168	140	248	96.3	74.0	80.7	88.2	78.4	844	24
25	82.0B	24.0B	33.5B	200	140	258	98.4	70.6	84.3	71.0	88.2	881	25
26	84.0B	23.5B	37.6	237	140	205	88.4	89.4	83.3	81.5	88.8	860	26
27	83.0B	23.1B	51.4	243	103	126	128	72.1	82.3	72.6	85.4	418	27
28	80.0B	23.0B	74.6	217	102	114	125	76.6	47.1	87.8	486	186	28
29	75.0B		88.3	283	259	126	103	78.4	218	80.1	318	128	29
30	84.0B		85.1	324	336	138	102	74.4	126	87.7	358	114	30
31	86.0B		89.9A		327		118	80.5		83.2		188	31
TOTAL	1 896.6	890.6	819.0	3 832.2	6 941	6 488	4 181.1	2 788.2	2 076.6	3 882.7	6 300.1	6 886.6	TOTAL
MEAN	61.2	31.8	26.4	131	224	217	134	89.3	68.3	126	210	224	MEAN
MAX	84.0	51.3	74.6	324	481	342	208	187	218	414	1 020	886	MAX
MIN	43.6	23.0	21.0	58.7	102	116	88.4	88.4	31.8	84.7	88.1	46.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 130
MAXIMUM DAILY, 1 020A ON NOV 18
MINIMUM DAILY, 21.0B ON MAR 15
MAXIMUM INSTANTANEOUS,
1 040 AT 20:00 PST ON NOV 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 03 34 N
LONG 128 40 38 W
DRAINAGE AREA, 1 880 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	164 000	JUL	360 000
FEB	77 000	AUG	238 000
MAR	78 400	SEP	180 000
APR	340 000	OCT	345 000
MAY	600 000	NOV	844 000
JUN	581 000	DEC	601 000

TOTAL DISCHARGE, 4 080 000 dam³

KITSAULT RIVER ABOVE KLAYDUC CREEK - STATION NO. 08DB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.80B	6.20B	2.28B	4.38	46.8	54.6	41.7	30.2	16.4	17.3	18.1	18.0 E	1
2	2.80B	6.80B	2.34B	4.26	46.6	60.2	38.1	38.7	16.2	14.4	48.1	23.0 E	2
3	2.34B	6.20B	2.22B	4.38	82.0	66.2	36.3	34.1	20.2	30.1	76.1	40.0 E	3
4	2.22B	5.70B	2.20B	4.61	61.3	62.3	34.2	41.0	33.8	46.7	42.8	46.0 E	4
5	2.16B	5.36B	2.11B	4.72	62.0	63.4	32.7	32.1	24.2	28.8	31.8	45.8 E	5
6	2.08B	5.10B	2.09B	4.80	48.0A	80.8	33.7	24.3	22.8	20.2	23.8	39.8 E	6
7	1.88B	5.01B	2.03B	4.61	47.8	47.8	28.4	27.8	26.8	33.4	16.7	26.8 E	7
8	1.86B	4.80B	2.00B	4.62	48.1	46.3	29.7	26.0	26.2	33.8	20.2	19.8 E	8
9	1.81B	4.60B	1.96B	4.76	46.6	46.8	40.4	22.3	21.7	86.8	18.4	14.8 E	9
10	1.80B	4.46B	1.93B	5.33	36.2	50.0	46.1	22.8	21.2	32.8	13.8	13.8 E	10
11	1.87B	4.22B	1.91B	8.89	30.8	84.1	46.0	24.5	20.8	30.3	11.8	11.0 E	11
12	1.84B	4.07B	1.88B	10.8	33.3	63.0	46.2	31.3	20.6	23.7	10.4	9.18E	12
13	1.85B	3.92B	1.85B	10.5	37.0	54.8	46.1	30.0	18.6	19.2	9.60	9.18E	13
14	1.80B	3.80B	1.82B	15.0	36.8	56.2	38.0	33.5	17.7	17.3	8.18	17.1 E	14
15	1.90B	3.68B	1.80B	16.4	38.0	46.0	33.8	28.7	12.8	14.7	8.18	17.8 E	15
16	1.86B	3.51B	1.78B	13.0	42.4	40.0	28.8	31.4	10.3	13.8	12.8	17.0 E	16
17	2.00B	3.40B	1.78B	13.4	31.5	38.8	31.2	30.8	7.42	30.3	18.8	15.3 E	17
18	2.01B	3.31B	1.80B	13.4	28.8	34.0	34.7	28.4	12.8	36.8	88.8	13.8 E	18
19	2.07B	3.18B	1.81B	17.1	28.1	30.0	34.3	28.7	38.0	27.4	28.4	13.0 E	19
20	2.10B	3.08B	1.82	28.4	28.2	29.8	31.8	36.1	81.3	23.8	18.8	8.80E	20
21	2.10B	2.85B	1.86	24.8	28.0	31.8	28.2	36.3	84.0 E	18.2	18.2	7.20E	21
22	2.11B	2.63B	1.91	18.1	28.8	33.1	32.8	24.4	48.8 E	16.0	13.1	6.70E	22
23	2.12B	2.76B	2.10	18.0	31.4	44.8	31.1	24.2	47.0 E	13.8	12.2	12.0 E	23
24	2.20B	2.88B	2.24	18.8	33.0	53.2	31.0	25.0	46.3 E	12.4	10.8	18.0 E	24
25	2.80B	2.60B	2.26	21.2	33.6	53.6	31.3	24.7	38.2 E	12.8	9.81	48.0 E	25
26	10.0 B	2.50B	2.63	28.8	34.1	40.2	32.7	24.3	28.2 E	13.4	8.88	80.0 E	26
27	18.8 B	2.43B	3.08	28.2	28.8	33.6	34.8	24.7	34.0 E	11.8	7.87A	47.3 E	27
28	13.0 B	2.38B	4.07	28.4	46.3	36.0	30.8	26.3	36.0 E	10.6	7.80E	32.0 E	28
29	11.0 B		4.36	33.4	84.7	38.4	31.1	24.8	36.8 A	14.8	7.80E	17.4 E	29
30	8.80B		4.77	41.3	80.7	41.4	36.3	21.8	23.8	16.7	8.20E	18.0 E	30
31	8.80B		4.87		88.8		38.7	18.1		13.8		16.8 E	31
TOTAL	121.88	113.46	73.28	480.74	1 323.8	1 373.2	1 113.8	883.4	656.33	702.8	582.38	882.70	TOTAL
MEAN	3.92	4.06	2.36	16.0	38.5	46.8	36.8	28.8	28.8	22.7	18.7	28.8	MEAN
MAX	18.8	6.20	4.77	41.3	80.1	83.4	46.2	41.0	81.3	86.8	76.1	80.8	MAX
MIN	1.84	2.38	1.78	4.26	28.8	29.8	29.2	18.1	7.42	10.8	7.87	7.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22.8
MAXIMUM DAILY, 76.1 ON NOV 2
MINIMUM DAILY, 1.78B ON MAR 16
MAXIMUM INSTANTANEOUS,
103 AT 02:45 PST ON NOV 2

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 33 40 N
LONG 129 39 11 W
DRAINAGE AREA, 343 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	10 800	JUL	88 200
FEB	9 800	AUG	77 200
MAR	8 330	SEP	74 200
APR	38 800	OCT	80 700
MAY	106 000	NOV	81 200
JUN	110 000	DEC	88 000

TOTAL DISCHARGE, 709 000 dam³

KLAPPAN RIVER AT HEADWATERS PLATEAU - STATION NO. 08CC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0488	0.0368	0.0238	0.0158	0.0248	3.38	1.89	1.45	0.718	0.918	0.2238	0.1268	1
2	0.0468	0.0348	0.0238	0.0158	0.0268	3.83	2.37	1.36	0.882	0.899	0.2208	0.1238	2
3	0.0478	0.0348	0.0238	0.0158	0.0278	3.15	2.83	1.15	0.734	1.07	0.2188	0.1208	3
4	0.0458	0.0338	0.0238	0.0158	0.0408	4.15	2.23	1.21	0.784	0.986	0.2178	0.1188	4
5	0.0438	0.0338	0.0248	0.0158	0.2008	4.14	2.08	1.12	0.882	0.932	0.2138	0.1188	5
6	0.0438	0.0328	0.0238	0.0158	1.00 B	3.17	2.71	1.17	0.783	0.811	0.2108	0.1178	6
7	0.0438	0.0328	0.0228	0.0158	1.90 B	3.08	2.38	1.08	0.781	0.884	0.2088	0.1168	7
8	0.0438	0.0318	0.0218	0.0158	2.00 B	3.07	2.18	1.01	0.887	0.838	0.2078	0.1158	8
9	0.0438	0.0318	0.0208	0.0158	1.70 B	3.19	2.48	0.995	0.828	0.928	0.2068	0.1078	9
10	0.0438	0.0308	0.0208	0.0158	1.40 B	3.30	2.48	1.08	0.848	0.893	0.2008	0.1018	10
11	0.0428	0.0308	0.0208	0.0158	1.04 B	3.73	2.21	1.28	0.832	0.858	0.1998	0.0988	11
12	0.0428	0.0308	0.0208	0.0158	1.08 B	4.15	2.01	1.09	0.803	0.827	0.1878	0.0988	12
13	0.0428	0.0308	0.0208	0.0158	1.09 B	4.04	1.81	1.12	0.882	0.783	0.1788	0.0988	13
14	0.0428	0.0288	0.0188	0.0158	1.15 B	4.15	1.78	1.03	0.852	0.748	0.1888	0.0878	14
15	0.0428	0.0288	0.0188	0.0158	1.17 B	2.87	1.53	1.02	0.816	0.7008	0.1808	0.0888	15
16	0.0428	0.0288	0.0188	0.0158	1.16 B	1.81	1.38	0.880	0.485	0.6408	0.1578	0.0888	16
17	0.0418	0.0288	0.0188	0.0158	1.11 B	1.78	1.48	0.845	0.452	0.6008	0.1518	0.0848	17
18	0.0418	0.0278	0.0188	0.0178	1.08 B	1.71	1.54	0.834	0.516	0.5808	0.1508	0.0848	18
19	0.0408	0.0278	0.0188	0.0178	1.04 B	1.63	1.48	0.878	0.631	0.5188	0.1468	0.0878	19
20	0.0408	0.0278	0.0178	0.0188	1.04 B	1.88	1.88	0.975	1.18	0.4808	0.1478	0.0828	20
21	0.0388	0.0288	0.0178	0.0188	1.03	1.75	1.41	1.03	1.33	0.4488	0.1438	0.0828	21
22	0.0388	0.0288	0.0178	0.0188	1.04	1.98	1.89	0.997	1.28	0.3888	0.1418	0.0818	22
23	0.0388	0.0288	0.0188	0.0188	1.07	2.87	1.47	1.02	1.27	0.3508	0.1408	0.0818	23
24	0.0388	0.0288	0.0188	0.0188	1.32	2.82	1.37	0.886	1.02	0.3188	0.1388	0.0808	24
25	0.0378	0.0288	0.0188	0.0188	1.34	2.48	1.30	0.848	0.972	0.2908	0.1388	0.0808	25
26	0.0378	0.0258	0.0188	0.0208	1.36	1.97	1.27	0.876	0.817	0.2728	0.1378	0.0808	26
27	0.0368	0.0248	0.0188	0.0208	1.58	1.84	1.80	0.868	0.888	0.2678	0.1348	0.0808	27
28	0.0368	0.0238	0.0188	0.0218	1.82	1.72	1.83	0.818	0.878	0.2488	0.1328	0.0808	28
29	0.0368		0.0188	0.0228	2.43	1.71	1.41	0.788	1.07	0.2408	0.1318	0.0808	29
30	0.0358		0.0188	0.0238	3.18	1.77	1.34	0.771	0.977	0.2388	0.1298	0.0808	30
31	0.0358		0.0188		3.45		1.88	0.748		0.2308		0.0808	31
TOTAL	1.287	0.812	0.684	0.804	38.837	81.43	58.98	31.881	23.859	19.438	5.128	3.885	TOTAL
MEAN	0.041	0.028	0.019	0.017	1.25	2.71	1.82	1.02	0.788	0.827	0.171	0.088	MEAN
MAX	0.048	0.035	0.024	0.023	3.45	4.15	2.83	1.45	1.32	1.07	0.233	0.126	MAX
MIN	0.035	0.023	0.018	0.015	0.024	1.63	1.27	0.748	0.462	0.230	0.128	0.080	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.721
MAXIMUM DAILY, 4.15 ON JUN 4
MINIMUM DAILY, 0.0158 ON MAR 28
MAXIMUM INSTANTANEOUS,
5.48 AT 21:48 PST ON JUN 4

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 15 00 N
LONG 129 03 12 W
DRAINAGE AREA, 19.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	109	JUL 4 880	
FEB	70.2	AUG 2 740	
MAR	80.5	SEP 2 060	
APR	43.9	OCT 1 680	
MAY 3 380		NOV 443	
JUN 7 040		DEC 338	

TOTAL DISCHARGE, 22 700 dam³

KLAPPAN RIVER NEAR TELEGRAPH CREEK - STATION NO. 08CC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.08	12.68	11.58	14.38	38.08	283	188	218	88.6	88.8	35.8	18.28	1
2	16.78	12.48	11.58	14.58	48.08	288	216	193	81.0	80.1	33.8	18.88	2
3	16.48	12.28	11.48	14.78	84.08	263	248	178	77.8	88.0	33.4	18.78	3
4	16.08	12.18	11.28	14.88	84.08	303	288	184	82.8	87.8	33.2	18.88	4
5	15.48	12.18	11.18	16.08	80.08	383	248	172	77.1	78.8	33.2	18.48	5
6	14.88	11.88	10.88	15.18	120 B	288	288	177	76.3	88.7	32.1	18.08	6
7	14.38	11.88	10.68	15.28	164 A	361	263	188	88.1	88.2	38.8	18.48	7
8	13.88	11.88	10.78	15.48	188	351	267	150	81.8	71.8	32.88	17.88	8
9	13.78	11.78	10.88	15.88	178	284	248	134	78.8	88.8	31.08	17.88	9
10	13.88	11.88	10.48	16.78	188	278	278	127	71.4	70.4	18.88	17.88	10
11	13.88	11.88	10.48	15.88	132	274	261	181	71.4	88.8	18.48	17.88	11
12	13.48	11.48	10.48	16.18	111	316	237	183	70.8	83.2	18.48	18.18	12
13	13.38	11.48	10.58	16.38	98.2	337	233	188	88.3	80.3	18.58	18.18	13
14	13.38	11.38	10.58	16.58	94.3	361	221	182	82.0	87.8	18.78	18.08	14
15	13.28	11.38	10.48	16.48	88.8	310	198	180	84.8	80.8	20.08	17.88	15
16	13.38	11.38	10.78	17.18	118	313	188	180	80.3	48.3	20.48	17.88	16
17	13.38	11.18	10.88	17.38	111	173	183	181	48.8	48.4	20.88	17.28	17
18	13.38	11.18	11.08	17.88	87.8	187	176	138	44.1	80.8	21.08	18.88	18
19	13.48	11.18	11.28	18.08	86.8	148	177	138	48.1	48.3	20.88	18.48	19
20	13.48	11.28	11.48	18.88	84.8	138	183	128	81.7	48.1	20.48	18.28	20
21	13.58	11.28	11.48	18.88	81.7	181	174	132	80.2	48.8	20.78	18.38	21
22	13.88	11.38	12.28	19.38	81.3	184	167	142	84.8	48.3	20.88	18.88	22
23	13.48	11.38	12.88	19.88	87.1	183	208	134	88.7	43.7	19.48	18.88	23
24	13.88	11.38	12.48	20.38	108	243	178	132	84.8	40.8	18.48	18.88	24
25	13.88	11.38	13.08	21.08	111	288	188	121	71.8	41.3	18.48	18.88	25
26	13.88	11.48	13.38	21.48	112	241	182	116	71.7	40.0	18.88	18.78	26
27	13.68	11.48	13.88	22.08	116	188	188	108	84.8	38.3	19.28	18.38	27
28	13.88	11.48	13.78	26.08	138	184	208	106	88.3	33.7	19.88	18.08	28
29	13.48		13.88	26.08	180	178	214	101	84.8	36.7	19.88	18.18	29
30	13.38		14.08	32.08	284	181	188	101	78.0	36.8	18.48	18.28	30
31	13.08		14.28		281		208	93.8		36.8		18.28	31
TOTAL	434.8	323.8	382.8	548.4	3 707.8	7 223	6 844	4 492.8	2 148.2	1 878.4	883.4	528.8	TOTAL
MEAN	14.0	11.8	11.7	18.3	120	241	214	144	71.8	84.1	22.8	17.1	MEAN
MAX	18.8	12.8	14.2	32.0	281	383	288	218	88.7	87.8	38.8	18.7	MAX
MIN	13.0	11.1	10.4	14.3	38.0	138	182	93.8	44.1	33.7	18.4	16.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 78.7
MAXIMUM DAILY, 383 ON JUN 5
MINIMUM DAILY, 10.48 ON MAR 10
MAXIMUM INSTANTANEOUS,
388 AT 14:47 PST ON JUN 5

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 54 00 N
LONG 129 42 14 W
DRAINAGE AREA, 3 550 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	37 900	JUL 574 000	
FEB	28 000	AUG 385 000	
MAR	31 300	SEP 185 000	
APR	47 500	OCT 145 000	
MAY 220 000		NOV 88 000	
JUN 824 000		DEC 48 800	

TOTAL DISCHARGE, 2 480 000 dam³

KLINAKLINI RIVER EAST CHANNEL (MAIN) NEAR THE MOUTH - STATION NO. 08GE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	46.6	80.0B	40.0B	58.2	282	518	477	907	494	280	83.1	108	1
2	52.3	76.0B	38.5B	56.7	289	600	466	789	486	261	84.1	243	2
3	58.7	68.0B	38.4B	57.1	310	667	460	770	446	232	144	337	3
4	55.6	65.0B	38.0B	55.9	317	737	439	770	480	256	219	340	4
5	52.7	61.0B	38.0B	55.2	331	781	440	761	463	268	168	262	5
6	45.2	59.0B	39.0B	67.0E	378	788	432	772	439	281	146	203	6
7	40.9	57.0B	40.2	72.0E	406	713	440	785	537	286	130	185	7
8	42.0B	54.0B	43.2	70.0E	415	707	448	769	618	288	177	176	8
9	44.0B	52.0B	49.2	88.3	404	679	505	749	532	330	482	161	9
10	46.0B	50.0B	51.8E	84.5	372	667	609	618	473	381	638	132	10
11	48.0	48.0B	51.8E	85.6	328	728	683	530	481	288	383	119	11
12	53.1	46.0B	50.0E	75.3	278	760	695	499	467	244	261	113	12
13	58.7	45.0B	46.5	82.2	283	806	774	631	522	194	220	108	13
14	52.4	44.0B	43.9	110	262	835	774	504	487	188	185	99.5	14
15	50.0	43.0B	42.8	139	263	774	763	483	406	142	172	95.5	15
16	58.0	42.0B	42.8	126	273	680	730	514	328	125	164	81.6	16
17	58.5	42.3B	41.3	117	285	801	680	647	281	137	143	86.0	17
18	63.9	42.8B	39.2	118	251	612	670	735	270	327	188	84.5	18
19	58.1	43.0B	38.8	125	220	486	682	755	261	304	294	81.7	19
20	61.2	43.4B	38.5	186	201	441	632	714	280	276	238	76.4	20
21	63.8	43.8B	42.1	168	189	421	610	753	336	278	189	89.5	21
22	58.1	46.0B	48.7	147	183	428	580	658	375	221	158	73.5	22
23	48.2	47.8B	49.0	134	187	534	571	686	402	215	146	65.7	23
24	47.6	47.0B	48.7	138	188	656	559	580	394	228	140	102	24
25	50.0	46.0B	48.0	150	188	758	592	593	384	186	127	106	25
26	51.6	45.5B	48.3	184	218	782	627	602	412	206	117	143	26
27	56.5	44.0B	55.8	171	212	697	641	599	381	150	109	188	27
28	57.3	42.0B	58.7	184	237	483	640	580	370	131	114	138	28
29	76.8		57.6	222	280	465	653	572	389	117	119	122	29
30	226		55.6	268	319	472	738	584	358	108	109	110	30
31	186		58.4		401		827	575		99.7		111	31
TOTAL	1 977.2	1 428.4	1 423.6	3 484.0	8 721	19 025	18 778	20 282	12 566	7 040.7	5 859.2	4 317.3	TOTAL
MEAN	63.8	50.9	45.9	116	281	634	606	655	419	227	195	139	MEAN
MAX	226	80.0	58.7	268	415	835	827	907	618	381	638	340	MAX
MIN	40.9	42.0	38.0	55.2	183	421	432	483	261	99.7	83.1	65.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 287
MAXIMUM DAILY, 907 ON AUG 1
MINIMUM DAILY, 38.0B ON MAR 4
MAXIMUM INSTANTANEOUS,
926 AT 19:32 PST ON AUG 1

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 08 06 N
LONG 125 38 33 W
DRAINAGE AREA, 5 760 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	171 000	JUL	1 620 000
FEB	123 000	AUG	1 750 000
MAR	123 000	SEP	1 080 000
APR	301 000	OCT	608 000
MAY	753 000	NOV	506 000
JUN	1 640 000	DEC	373 000

TOTAL DISCHARGE, 9 080 000 dam³

REMARKS - DOES NOT INCLUDE DISCHARGE OF DICE CREEK, AND OVERFLOW FORMERLY GAUGE BY STATION NO. 08GE001

KLOIYA RIVER NEAR PRINCE RUPERT - STATION NO. 08EG016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.47	2.07	1.18	6.17	5.78	2.04	0.737	0.642	0.661	2.88	10.3	31.0	1
2	3.74	2.01	1.10	5.75	6.01	2.06	0.683	0.538	0.626	2.33	39.6	41.4	2
3	3.88	1.84	0.887	5.94	5.78	1.97	0.667	0.537	1.03	2.28	40.0	33.0	3
4	4.02	1.84	0.742	5.88	5.21	1.86	0.657	0.622	1.53	3.74	32.7	27.3	4
5	3.88	1.76	0.705	5.89	4.84	1.82	0.634	0.594	2.74	3.76	32.2	16.2	5
6	2.44	1.80	0.708	5.27	4.78	1.82	0.600	0.666	2.46	3.19	25.8	8.82	6
7	1.14	1.31	0.778	3.47	4.84	1.76	0.566	0.677	1.66	6.03	20.1	6.80	7
8	1.08	1.24	0.802	2.44	4.80	1.06	0.571	0.673	1.15	9.26	27.7	12.4	8
9	0.958	1.18	0.841	2.40	4.88	0.588	0.554	0.647	0.832	13.4	22.4	18.0	9
10	0.848	1.06	0.830	2.63	4.38	0.884	0.542	1.06	0.667	15.4	20.2	8.52	10
11	1.04	1.01	0.804	2.72	4.18	0.800	0.537	1.08	0.588	23.8	11.2	8.28	11
12	20.1	0.882	0.846	2.88	4.03	0.818	0.473	1.08	0.541	18.4	3.83	5.84	12
13	17.8	0.868	0.883	3.07	3.78	0.842	0.427	1.43	0.515	13.1	4.23	3.82	13
14	12.5	0.802	0.810	3.72	3.88	0.884	0.426	1.60	0.487	11.2	4.36	4.11	14
15	9.04	0.733	0.780	4.33	3.88	0.878	0.431	1.56	0.466	6.81	6.37	4.11	15
16	10.8	0.741	0.814	6.80	3.22	0.873	0.438	1.46	0.475	4.20	25.0	3.41	16
17	14.4	0.733	0.880	8.42	2.88	0.872	0.445	1.35	0.445	2.47	21.8	2.88	17
18	14.1	0.730	0.828	7.80	2.52	0.853	0.443	1.18	1.49	10.3	46.7	1.78	18
19	19.8	0.726	0.848	7.38	2.48	0.834	0.456	1.08	30.4	22.0	31.2	10.2	19
20	27.4	0.721	0.810	6.08	2.50	0.833	0.648	2.19	23.2	22.1	10.1	11.1	20
21	21.0	0.789	0.884	4.80	2.44	0.827	0.587	6.73	10.1	11.3	5.72	12.3	21
22	15.1	0.838	1.11	4.88	2.15	0.858	0.609	5.63	7.87	6.23	4.86	33.8	22
23	9.07	1.02	2.18	4.82	1.88	0.843	0.604	3.07	3.80	3.86	6.33	32.0	23
24	3.88	1.17	2.81	4.87	1.84	0.818	0.611	1.83	1.57	2.78	6.40	33.2	24
25	6.53	1.43	2.88	4.82	1.69	0.808	0.589	1.35	1.43	14.9	4.85	49.4	25
26	38.7	1.44	2.81	4.75	1.82	0.848	0.575	0.984	1.28	12.8	3.86	41.3	26
27	30.8	1.48	4.88	4.88	1.72	0.705	0.556	0.833	1.18	4.31	6.44	38.8	27
28	41.7	1.32	7.70	6.03	1.71	0.731	0.582	0.760	1.43	4.08	47.6	21.7	28
29	23.4		7.58	6.14	1.76	0.743	0.557	0.738	3.08	26.8	52.8	15.3	29
30	21.3		7.13	6.42	1.76	0.738	0.537	0.688	3.52	17.2	84.0	12.5	30
31	8.12		6.88		2.05		0.539	0.686		6.41		14.3	31
TOTAL	402.203	33.906	63.578	146.83	103.86	28.887	17.304	47.548	107.111	312.15	642.84	557.07	TOTAL
MEAN	13.0	1.21	2.05	4.89	3.34	0.963	0.558	1.53	3.57	10.1	21.4	18.0	MEAN
MAX	41.7	2.07	7.70	8.42	6.01	2.06	0.737	6.73	30.4	26.8	84.0	49.4	MAX
MIN	0.848	0.721	0.705	2.40	1.69	0.588	0.426	0.537	0.445	2.28	3.83	1.78	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.75
MAXIMUM DAILY, 84.0 ON NOV 30
MINIMUM DAILY, 0.426 ON JUL 14
MAXIMUM INSTANTANEOUS,
76.2 AT 03:30 PST ON NOV 30

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 14 51 N
LONG 130 10 16 W

REGULATED SINCE 1986

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	34 800	JUL	1 500
FEB	2 930	AUG	4 110
MAR	5 490	SEP	9 250
APR	12 700	OCT	27 000
MAY	8 950	NOV	55 500
JUN	2 500	DEC	48 200

TOTAL DISCHARGE, 213 000 dam³

KNIFE CREEK ABOVE DIVERSIONS - STATION NO. 08MC047

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.058B	0.048B	0.080B	0.088B	0.458	0.047	0.058	0.080E	0.048	0.039A	0.033	0.084B	1
2	0.058B	0.048B	0.084B	0.070B	0.466	0.237	0.048	0.088E	0.044	0.037E	0.047	0.067B	2
3	0.058B	0.048B	0.087B	0.070B	0.428	0.258	0.043	0.071E	0.043A	0.037E	0.052	0.080B	3
4	0.059B	0.049B	0.072B	0.068B	0.167	0.239	0.047	0.088E	0.042E	0.036E	0.052	0.092B	4
5	0.058B	0.050B	0.078B	0.088B	0.156	0.221	0.046	0.084E	0.041E	0.036E	0.086	0.084B	5
6	0.058B	0.052B	0.076B	0.088B	0.147	0.188	0.047	0.088E	0.038E	0.038E	0.080	0.082B	6
7	0.058B	0.054B	0.073B	0.078	0.158	0.183	0.048	0.084E	0.039E	0.037E	0.080	0.080B	7
8	0.058B	0.058B	0.074B	0.072	0.308	0.140	0.043	0.080E	0.038C	0.038E	0.080	0.067B	8
9	0.060B	0.057B	0.072B	0.074	0.304	0.107	0.043	0.047E	0.038E	0.040E	0.072	0.064B	9
10	0.061B	0.057B	0.070B	0.078	0.413	0.074	0.042	0.044E	0.038E	0.042E	0.084	0.064B	10
11	0.063B	0.060B	0.068B	0.089	0.386	0.057	0.048	0.042E	0.037E	0.041E	0.082	0.065B	11
12	0.064B	0.063B	0.068B	0.090	0.351	0.047	0.052	0.040E	0.037E	0.041E	0.057	0.067B	12
13	0.064B	0.065B	0.070B	0.090	0.340	0.044	0.050	0.043E	0.037E	0.040E	0.055	0.066B	13
14	0.064B	0.068B	0.072B	0.091	0.328	0.041	0.044	0.055E	0.037E	0.039E	0.054	0.058B	14
15	0.067B	0.063B	0.068B	0.083	0.330	0.059	0.048	0.070E	0.037E	0.039E	0.052B	0.058B	15
16	0.068B	0.058B	0.068B	0.072	0.333	0.053	0.052	0.087E	0.037E	0.040E	0.050B	0.057B	16
17	0.067B	0.060B	0.068B	0.085	0.320	0.048	0.048	0.084E	0.038E	0.042E	0.049B	0.058B	17
18	0.065B	0.062B	0.070B	0.085	0.318	0.045	0.047	0.081E	0.039E	0.041E	0.050B	0.053B	18
19	0.068B	0.064B	0.072B	0.072	0.327	0.044	0.038	0.058E	0.039E	0.040E	0.052B	0.051B	19
20	0.068B	0.067B	0.074B	0.083	0.281	0.047	0.040	0.060E	0.039E	0.041E	0.053B	0.050B	20
21	0.067B	0.069B	0.073B	0.080	0.270	0.049	0.045	0.058A	0.038E	0.043E	0.052B	0.051B	21
22	0.063B	0.070B	0.071B	0.087	0.288	0.045	0.044	0.072	0.038E	0.041E	0.051B	0.054B	22
23	0.062B	0.072B	0.068B	0.085	0.318	0.044	0.043	0.085	0.038E	0.043E	0.051B	0.056B	23
24	0.064B	0.073B	0.070B	0.082	0.114	0.041	0.041A	0.048	0.038E	0.042E	0.050B	0.053B	24
25	0.066B	0.071B	0.073B	0.078	0.042	0.041E	0.044	0.038E	0.043E	0.043E	0.049B	0.068B	25
26	0.067B	0.064B	0.078B	0.068	0.073	0.043	0.040E	0.041	0.038E	0.045A	0.050B	0.072B	26
27	0.067B	0.064B	0.078B	0.068	0.073	0.051	0.040E	0.040	0.039E	0.048	0.052B	0.072B	27
28	0.067B	0.060B	0.078B	0.068	0.066	0.051	0.040E	0.040	0.039A	0.059	0.053B	0.071B	28
29	0.068B		0.074B	0.389	0.058	0.047	0.041E	0.040	0.038	0.048	0.053B	0.071B	29
30	0.062B		0.070B	0.466	0.047	0.058	0.043E	0.041	0.038	0.043	0.052B	0.070B	30
31	0.048B		0.068B		0.052		0.048E	0.049		0.033		0.070B	31
TOTAL	1.845	1.887	2.200	2.680	7.723	2.881	1.388	1.875	1.173	1.308	1.884	1.888	TOTAL
MEAN	0.063	0.060	0.071	0.085	0.248	0.089	0.045	0.054	0.038	0.042	0.056	0.060	MEAN
MAX	0.068	0.073	0.078	0.466	0.458	0.258	0.058	0.072	0.048	0.088	0.082	0.072	MAX
MIN	0.048	0.048	0.060	0.068	0.047	0.041	0.038	0.040	0.037	0.033	0.033	0.050	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.077
MAXIMUM DAILY, 0.466 ON MAY 2
MINIMUM DAILY, 0.033 ON OCT 31
MAXIMUM INSTANTANEOUS,
0.480 AT 20:10 PST ON APR 28

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 00 00 N
LONG 121 38 47 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	188	JUL	120
FEB	146	AUG	148
MAR	190	SEP	101
APR	247	OCT	113
MAY	667	NOV	146
JUN	230	DEC	161

TOTAL DISCHARGE, 2 430 dam³

KNIFE CREEK AT 141 MILE HOUSE - STATION NO. 08MC014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.200B	0.037	0.023E	---	0.081	0.022	0.014E	---	---	1
2	---	---	---	0.180B	0.031	0.026E	---	0.104	0.021	0.014A	---	---	2
3	---	---	---	0.188B	0.026	0.030A	---	0.087	0.020	---	---	---	3
4	---	---	---	0.168B	0.042	0.035	---	0.086	0.019	---	---	---	4
5	---	---	---	0.178B	0.033	0.040	---	0.071	0.019	---	---	---	5
6	---	---	---	0.185B	0.032	0.048	---	0.052	0.019	---	---	---	6
7	---	---	---	0.220B	0.030	0.032	---	0.038	0.017	---	---	---	7
8	---	---	---	0.210B	0.028	0.024	---	0.042	0.017	---	---	---	8
9	---	---	---	0.200B	0.024	0.022	---	0.042	0.017	---	---	---	9
10	---	---	---	0.218B	0.033	0.020	---	0.038	0.017	---	---	---	10
11	---	---	---	0.230B	0.044	0.018	---	0.047	0.018	---	---	---	11
12	---	---	---	0.200B	0.047	0.017	---	0.038	0.018	---	---	---	12
13	---	---	---	0.170B	0.037	0.017	---	0.038	0.018	---	---	---	13
14	---	---	---	0.120B	0.034	0.018A	---	0.02a	0.014	---	---	---	14
15	---	---	---	0.070B	0.032	---	---	0.053	0.018	---	---	---	15
16	---	---	---	0.042B	0.038	---	---	0.059	0.018	---	---	---	16
17	---	---	---	0.032B	0.038	---	---	0.088	0.018	---	---	---	17
18	---	---	---	0.024B	0.037	---	0.028A	0.083A	0.018	---	---	---	18
19	---	---	---	0.022B	0.062	---	0.023	0.106E	0.018	---	---	---	19
20	---	---	---	0.020B	0.058	---	0.022	0.138E	0.018	---	---	---	20
21	---	---	---	0.018B	0.061	---	0.027	0.164E	0.014	---	---	---	21
22	---	---	---	0.018B	0.036	---	0.021	0.114E	0.023	---	---	---	22
23	---	---	---	0.018B	0.033	---	0.018	0.083E	0.030	---	---	---	23
24	---	---	---	0.020B	0.031	---	0.018	0.064E	0.045	---	---	---	24
25	---	---	---	0.020B	0.048	---	0.018	0.047E	0.048	---	---	---	25
26	---	---	---	0.023	0.033	---	0.018	0.048A	0.020	---	---	---	26
27	---	---	---	0.024	0.030	---	0.023	0.040	0.013	---	---	---	27
28	---	---	---	0.023	0.028	---	0.023	0.036	0.013A	---	---	---	28
29	---		---	0.022	0.028A	---	0.024	0.031	0.013E	---	---	---	29
30	---		0.358B	0.023	0.023E	---	0.027	0.028	0.013E	---	---	---	30
31	---		0.220B		0.026E		0.026	0.023		---		---	31
TOTAL	---	---	---	3.067	1.088	---	---	1.983	0.573	---	---	---	TOTAL
MEAN	---	---	---	0.102	0.034	---	---	0.064	0.018	---	---	---	MEAN
MAX	---	---	---	0.230	0.058	---	---	0.164	0.048	---	---	---	MAX
MIN	---	---	---	0.018	0.023	---	---	0.022	0.012	---	---	---	MIN

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 00 43 N
LONG 121 51 58 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	171
MAR	---	SEP	49.6
APR	384	OCT	---
MAY	93.6	NOV	---
JUN	---	DEC	---

KOKSILAH RIVER AT COWICHAN STATION - STATION NO. 08HA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.3	35.7	8.85	15.8	3.18	1.03	0.770	0.273	0.278	0.280	1.45	7.35	1
2	15.3	20.9	7.80	21.1	3.03	0.977	0.974	0.265	0.271	0.280	1.53	8.77	2
3	25.3	9.65B	6.33	18.5	2.98	0.944	0.941	0.265	0.271	0.280	1.73	39.2	3
4	37.9	7.90B	6.13	21.9	2.86	0.913	0.771	0.252	0.278	0.287	2.47	117	4
5	20.9	6.40B	9.25	39.5	2.65	0.781	0.681	0.248	0.271	0.304	3.12	35.8	5
6	15.2	5.37B	27.1	40.9	2.58	0.728	0.659	0.266	0.264	0.380	3.24	27.3	6
7	12.4	4.56B	18.9	30.6	2.43	0.702	0.578	0.261	0.256	0.410	4.40	20.0	7
8	11.5	4.43B	18.0	20.9	2.27	0.676	0.556	0.257	0.237	0.417	4.13	32.0	8
9	10.6	4.10B	26.5	17.3	2.09	0.670	0.506	0.250	0.217	0.403	30.1	24.9	9
10	10.4	3.97B	35.9	13.4	1.91	0.636	0.485	0.253	0.211	0.395	62.5	17.1	10
11	7.80	3.80B	33.6	12.4	1.84	0.622	0.458	0.248	0.211	0.369	17.8	13.8	11
12	7.48	3.44B	35.6	10.8	1.77	0.615	0.418	0.246	0.205	0.502	10.5	10.2	12
13	22.5	3.23B	27.2	10.4	1.69	0.631	0.381	0.282	0.205	0.630	7.75	9.42	13
14	17.2	3.07B	19.3	10.1	1.61	0.687	0.381	0.338	0.211	0.652	7.70	7.85	14
15	13.9	3.02B	16.2	9.95	1.49	0.665	0.347	0.310	0.211	0.558	8.03	7.33	15
16	38.6	3.02B	16.4	8.00	1.42	0.558	0.459	0.269	0.212	0.534	5.33	5.76	16
17	60.0	3.02B	14.4	6.60	1.45	0.512	0.487	0.275	0.216	0.511	4.63	5.09	17
18	75.0	3.04B	15.4	5.79	1.42	0.590	0.473	0.275	0.224	0.503	4.61	5.65	18
19	31.7	3.08B	15.2	5.61	1.41	0.616	0.459	0.268	0.239	0.503	4.21	5.25	19
20	21.2	3.2B	13.5	5.43	1.40	0.640	0.404	0.262	0.238	0.663	4.85	4.97	20
21	18.1	3.3B	13.6	5.31	1.38	0.624	0.378	0.283	0.245	0.660	4.91	4.55	21
22	13.5	12.6	18.1	5.18	1.32	0.593	0.355	0.423	0.246	0.655	5.49	4.27	22
23	10.5	30.7	14.7	4.55	1.35	0.561	0.346	0.408	0.253	2.78	6.23	4.19	23
24	9.80	21.2	13.0	4.22	1.38	0.531	0.341	0.381	0.250	2.43	9.45	4.12	24
25	6.55	15.3	18.1	4.10	1.25	0.478	0.334	0.360	0.261	2.17	12.8	4.15	25
26	7.80	12.2	14.4	4.04	1.21	0.455	0.328	0.347	0.275	2.40	11.6	4.13	26
27	7.75	11.5	21.2	3.85	1.27	0.449	0.321	0.340	0.275	3.75	10.4	4.10	27
28	7.80	10.0	23.5	3.65	1.43	0.530	0.288	0.298	0.275	2.35	8.95	4.08	28
29	6.78		20.9	3.59	1.29	0.578	0.265	0.284	0.275	2.17	8.15	4.07	29
30	12.6		18.5	3.38	1.19	0.634	0.272	0.277	0.282	1.64	7.88	4.08	30
31	45.7		17.3		1.10		0.278	0.277		1.49		4.12	31
TOTAL	623.58	253.07	565.55	365.66	55.34	19.476	14.863	9.102	7.378	31.971	254.11	440.39	TOTAL
MEAN	20.1	9.04	18.3	12.2	1.79	0.649	0.474	0.294	0.246	1.03	8.47	14.2	MEAN
MAX	75.0	35.7	35.9	40.9	3.18	1.03	0.974	0.423	0.282	3.75	62.5	117	MAX
MIN	6.78	3.02	6.13	3.38	1.10	0.449	0.265	0.246	0.205	0.280	1.45	4.05	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.24
MAXIMUM DAILY, 117 ON DEC 4
MINIMUM DAILY, 0.205 ON SEP 12

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 43 39 N
LONG 123 40 11 W
DRAINAGE AREA, 209 km^2

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	53 900	JUL	1 270
FEB	21 900	AUG	786
MAR	48 000	SEP	638
APR	31 700	OCT	2 760
MAY	4 780	NOV	22 000
JUN	1 680	DEC	38 000

TOTAL DISCHARGE, 228 000 dam^3

KOOTENAI RIVER AT PORTHILL - STATION NO. 08NH021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	380	179	120	178	479	438	210	287	680	268	665	719	1
2	204	337	123	172	561	460	187	532	655	371	668	718	2
3	184	606	180	170	537	615	184	572	277	597	674	705	3
4	188	663	241	182	571	507	176	580	208	631	660	634	4
5	176	657	133	184	694	488	187	488	204	637	677	633	5
6	182	648	122	201	739	493	185	283	207	640	308	629	6
7	173	646	122	276	621	493	183	280	200	604	181	638	7
8	185	634	122	362	663	487	154	565	240	242	487	340	8
9	184	617	128	380	657	460	158	674	244	308	665	292	9
10	188	501	139	320	684	415	158	702	238	481	745	270	10
11	187	202	153	294	610	395	153	659	193	617	675	247	11
12	234	185	166	269	686	382	158	649	238	605	984	484	12
13	430	163	178	297	592	363	155	303	209	631	592	694	13
14	558	154	180	337	521	328	156	270	207	527	385	722	14
15	578	151	178	411	487	320	158	538	205	201	343	722	15
16	580	151	172	516	461	320	161	605	204	269	479	722	16
17	588	148	180	565	498	305	147	694	187	582	285	719	17
18	597	144	188	527	535	288	148	677	188	655	233	711	18
19	600	150	150	516	498	270	143	527	188	563	223	702	19
20	603	143	147	576	447	289	136	269	185	660	226	665	20
21	486	148	148	702	411	280	134	285	320	624	303	682	21
22	213	145	148	779	394	255	243	535	377	289	643	677	22
23	184	138	145	745	422	258	244	663	317	297	702	680	23
24	174	124	148	650	452	243	247	665	218	644	705	680	24
25	184	124	144	666	422	240	277	660	237	643	708	680	25
26	174	123	148	536	395	238	288	527	418	695	711	680	26
27	185	125	164	507	365	237	282	314	345	674	708	674	27
28	184	128	185	473	433	231	292	340	328	588	722	671	28
29	172		178	445	439	223	287	445	422	303	718	665	29
30	163		180	445	411	221	159	601	433	382	718	518	30
31	174		177		408		181	614		629		232	31
TOTAL	9 102	8 108	4 788	12 563	17 347	10 381	5 841	15 781	8 452	15 398	16 828	19 226	TOTAL
MEAN	294	290	155	419	560	346	188	509	282	497	564	620	MEAN
MAX	603	663	241	779	863	615	292	702	680	674	984	839	MAX
MIN	163	123	120	162	365	221	134	265	187	201	181	232	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 394
MAXIMUM DAILY, 984 ON NOV 12
MINIMUM DAILY, 120 ON MAR 1

SUMMARY FOR THE YEAR 1989

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 00 N
LONG 116 30 10 W
DRAINAGE AREA, 35 500 km^2

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	788 000	JUL	505 000
FEB	701 000	AUG	1 360 000
MAR	414 000	SEP	730 000
APR	1 090 000	OCT	1 330 000
MAY	1 500 000	NOV	1 450 000
JUN	895 000	DEC	1 660 000

TOTAL DISCHARGE, 12 400 000 dam^3

KOOTENAI RIVER NEAR COPELAND - STATION NO. 08NH031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	384	172	117	170	418	377	187	287	882	286	886	714	1
2	183	340	120	187	484	430	175	844	849	371	888	714	2
3	186	817	177	186	575	486	173	575	280	909	874	889	3
4	181	886	241	187	600	450	187	580	204	934	887	920	4
5	174	867	124	188	814	439	186	483	204	837	879	827	5
6	177	848	117	186	848	435	187	288	204	840	283	932	6
7	188	849	118	288	718	439	184	278	186	486	182	821	7
8	181	831	118	287	780	416	147	940	240	228	473	311	8
9	180	814	121	261	787	402	181	880	242	308	871	280	9
10	184	483	134	309	780	374	182	888	232	487	716	281	10
11	183	177	181	283	718	345	147	887	188	823	844	238	11
12	238	188	183	277	817	323	148	841	238	808	837	487	12
13	432	187	174	283	830	308	148	283	208	831	847	702	13
14	884	180	178	320	484	284	183	283	204	824	381	718	14
15	878	148	172	388	430	289	180	847	204	182	323	718	15
16	878	148	188	488	422	288	177	874	202	288	473	718	16
17	883	142	186	832	438	280	141	894	184	808	244	718	17
18	888	142	181	488	482	288	141	874	188	888	232	708	18
19	887	148	148	478	447	242	137	818	188	880	213	887	19
20	887	140	143	832	388	248	133	288	187	880	218	880	20
21	483	148	141	840	388	232	128	288	323	818	282	877	21
22	184	142	142	728	348	234	244	844	378	272	881	871	22
23	180	128	142	884	388	237	242	871	314	283	887	874	23
24	178	121	141	808	411	228	244	888	212	848	888	874	24
25	180	121	139	841	382	224	278	884	238	848	888	874	25
26	188	120	144	483	384	220	288	813	428	888	702	874	26
27	180	121	148	484	343	221	278	284	340	871	887	888	27
28	180	121	180	433	348	218	288	331	328	883	714	888	28
29	188		173	408	388	210	288	448	428	283	711	880	29
30	187		174	388	388	208	182	488	433	378	711	810	30
31	171		171		387		148	817		843		308	31
TOTAL	8 883	8 018	4 882	11 787	15 370	9 321	5 880	15 877	8 381	15 338	18 811	18 010	TOTAL
MEAN	288	284	180	383	488	311	183	508	280	488	884	813	MEAN
MAX	887	885	241	725	780	488	288	888	882	871	837	832	MAX
MIN	188	120	117	187	343	208	128	288	184	182	182	208	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 380
MAXIMUM DAILY, 837 ON NOV 13
MINIMUM DAILY, 117 ON MAR 1

SUMMARY FOR THE YEAR 1988

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 54 18 N
LONG 116 34 07 W
DRAINAGE AREA, 34 700 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	774 000	JUL	488 000
FEB	883 000	AUG	1 380 000
MAR	403 000	SEP	735 000
APR	1 030 000	OCT	1 330 000
MAY	1 330 000	NOV	1 440 000
JUN	805 000	DEC	1 840 000

TOTAL DISCHARGE, 12 000 000 dam³

KOOTENAY LAKE AT KUSKONOOK - STATION NO. 08NH087

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	532.018	531.888	531.001	530.284	530.873	531.838	531.800	531.820	531.881	531.817	531.881	531.810	1
2	532.048	531.846	530.880	530.248	531.018	531.811	531.787	531.883	531.778	531.878	531.883	531.827	2
3	532.018	531.834	530.888	530.237	531.048	532.003	531.714	531.818	531.840	531.883	532.007	531.870	3
4	532.028	531.808	530.850	530.228	531.181	532.083	531.878	531.881	531.873	531.842	532.083	532.013	4
5	532.028	531.800	530.788	530.220	531.222	532.181	531.847	531.873	531.918	531.898	532.038	532.033	5
6	532.013	531.818	530.738	530.218	531.328	532.272	531.802	531.850	531.828	531.813	531.880	532.070	6
7	531.892	531.821	530.888	530.217	531.481	532.342	531.858	531.810	531.838	531.831	531.847	532.071	7
8	531.874	531.808	530.883	530.230	531.824	532.388	531.828	531.884	531.888	531.808	531.848	532.018	8
9	531.883	531.813	530.838	530.288	531.772	532.480	531.804	531.841	531.872	531.848	532.017	531.870	9
10	531.833	531.488	530.888	530.270	531.838	532.481	531.488	531.881	531.870	531.838	532.100	531.833	10
11	531.801	531.413	530.881	530.281	532.088	532.500	531.484	531.718	531.883	531.848	532.187	531.801	11
12	531.841	531.353	530.882	530.248	532.170	532.504	531.470	531.728	531.884	531.881	532.204	531.881	12
13	531.780	531.287	530.882	530.231	532.182	532.513	531.488	531.688	531.882	531.830	532.184	531.884	13
14	531.758	531.284	530.844	530.224	532.178	532.528	531.472	531.847	531.840	531.888	532.081	531.877	14
15	531.784	531.238	530.834	530.237	532.180	532.587	531.478	531.838	531.832	531.882	531.978	531.803	15
16	531.783	531.218	530.818	530.278	532.110	532.572	531.474	531.883	531.833	531.832	531.878	531.833	16
17	531.787	531.208	530.482	530.333	532.078	532.534	531.480	531.888	531.817	531.808	532.010	531.884	17
18	531.780	531.183	530.472	530.381	532.068	532.481	531.483	531.883	531.807	531.833	532.008	531.880	18
19	531.783	531.178	530.458	530.438	532.078	532.388	531.488	531.888	531.802	531.835	531.988	532.007	19
20	531.788	531.188	530.428	530.480	532.088	532.281	531.471	531.888	531.808	531.843	531.988	532.024	20
21	531.787	531.138	530.401	530.587	532.041	532.211	531.480	531.808	531.808	531.874	531.887	532.018	21
22	531.788	531.122	530.388	530.711	531.888	532.133	531.488	531.813	531.838	531.878	531.888	532.008	22
23	531.780	531.118	530.388	530.818	531.888	532.087	531.501	531.888	531.884	531.881	531.840	531.888	23
24	531.788	531.108	530.342	530.884	531.883	532.034	531.513	531.881	531.888	531.883	531.838	531.888	24
25	531.781	531.082	530.334	530.838	531.838	531.883	531.518	531.712	531.838	531.881	531.828	531.878	25
26	531.728	531.081	530.318	530.858	531.813	531.871	531.520	531.728	531.831	532.018	531.818	531.880	26
27	531.704	531.088	530.288	530.888	531.888	531.860	531.521	531.701	531.847	532.047	531.808	531.881	27
28	531.884	531.018	530.281	530.888	531.873	531.818	531.533	531.884	531.848	532.084	531.888	531.888	28
29	531.887		530.288	530.882	531.884	531.887	531.888	531.828	531.848	532.014	531.900	531.884	29
30	531.888		530.274	530.888	531.838	531.847	531.848	531.823	531.847	531.888	531.908	531.872	30
31	531.848		530.283		531.828		531.828	531.828		531.844		531.848	31
MEAN	531.831	531.288	530.833	530.478	531.800	532.228	531.838	531.852	531.818	531.838	531.887	531.888	MEAN
MAX	532.048	531.888	531.001	530.888	532.182	532.572	531.800	531.738	531.872	532.084	532.204	532.071	MAX
MIN	531.848	531.018	530.382	530.218	530.873	531.838	531.480	531.820	531.881	531.838	531.888	531.884	MIN

WATER LEVELS IN METRES

MEAN, 531.800
MAXIMUM DAILY, 532.572 ON JUN 16
MINIMUM DAILY, 530.218 ON APR 6
MAXIMUM INSTANTANEOUS,
532.693 AT 16:55 MST ON JUN 16

SUMMARY FOR THE YEAR 1988

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 55 N
LONG 116 38 31 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1972 ADJ.)

KOOTENAY LAKE AT QUEENS BAY - STATION NO. 08NN084

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	531.884	531.454	530.848	530.101	530.818	531.884	531.814	531.363	531.521	531.780	531.612	531.787	1
2	531.893	531.418	530.802	530.098	530.868	531.751	531.588	531.420	531.623	531.719	531.634	531.781	2
3	531.898	531.388	530.735	530.088	530.934	531.641	531.553	531.471	531.687	531.707	531.668	531.817	3
4	531.883	531.358	530.668	530.075	531.005	531.931	531.517	531.507	531.710	531.723	531.694	531.862	4
5	531.878	531.338	530.634	530.058	531.078	532.015	531.480	531.508	531.733	531.738	531.680	531.881	5
6	531.880	531.357	530.581	530.048	531.173	532.088	531.432	531.487	531.782	531.755	531.639	531.914	6
7	531.893	531.386	530.549	530.065	531.318	532.178	531.401	531.444	531.778	531.775	531.803	531.920	7
8	531.835	531.341	530.507	530.073	531.477	532.232	531.386	531.436	531.781	531.747	531.789	531.870	8
9	531.810	531.316	530.488	530.087	531.627	532.287	531.342	531.481	531.808	531.892	531.854	531.817	9
10	531.793	531.297	530.453	530.108	531.781	532.318	531.326	531.544	531.810	531.877	531.833	531.773	10
11	531.784	531.248	530.431	530.091	531.935	532.332	531.318	531.572	531.804	531.889	531.895	531.740	11
12	531.698	531.180	530.418	530.085	532.018	532.339	531.316	531.578	531.801	531.733	532.024	531.704	12
13	531.644	531.132	530.398	530.071	532.034	532.384	531.313	531.543	531.798	531.784	532.000	531.708	13
14	531.626	531.110	530.388	530.081	532.023	532.383	531.323	531.487	531.785	531.828	531.800	531.735	14
15	531.612	531.093	530.378	530.078	531.987	532.396	531.328	531.469	531.773	531.818	531.814	531.760	15
16	531.621	531.078	530.365	530.125	531.952	532.405	531.334	531.497	531.758	531.775	531.818	531.782	16
17	531.628	531.068	530.328	530.185	531.925	532.380	531.340	531.523	531.751	531.758	531.858	531.808	17
18	531.621	531.041	530.312	530.234	531.926	532.283	531.340	531.524	531.746	531.788	531.848	531.838	18
19	531.619	531.028	530.291	530.280	531.928	532.208	531.321	531.526	531.739	531.771	531.840	531.888	19
20	531.612	531.006	530.274	530.338	531.908	532.131	531.304	531.478	531.734	531.788	531.838	531.871	20
21	531.618	530.984	530.249	530.430	531.877	532.047	531.313	531.452	531.746	531.844	531.830	531.873	21
22	531.635	530.967	530.231	530.580	531.834	531.958	531.315	531.462	531.782	531.848	531.787	531.860	22
23	531.631	530.966	530.208	530.858	531.806	531.908	531.338	531.514	531.803	531.830	531.781	531.852	23
24	531.623	530.949	530.187	530.736	531.789	531.862	531.348	531.538	531.783	531.818	531.788	531.842	24
25	531.597	530.936	530.171	530.782	531.781	531.826	531.355	531.558	531.774	531.831	531.781	531.830	25
26	531.574	530.914	530.151	530.810	531.757	531.795	531.364	531.582	531.777	531.868	531.788	531.821	26
27	531.580	530.897	530.139	530.818	531.740	531.780	531.371	531.538	531.788	531.894	531.783	531.814	27
28	531.536	530.878	530.132	530.807	531.718	531.747	531.389	531.494	531.791	531.881	531.748	531.812	28
29	531.513		530.126	530.807	531.698	531.705	531.414	531.467	531.784	531.880	531.759	531.819	29
30	531.507		530.110	530.808	531.682	531.651	531.410	531.454	531.787	531.798	531.785	531.827	30
31	531.488		530.106		531.671		531.390	531.452		531.790		531.802	31
MEAN	531.667	531.148	530.376	530.318	531.848	532.058	531.383	531.488	531.758	531.783	531.840	531.818	MEAN
MAX	531.893	531.454	530.848	530.818	532.034	532.405	531.614	531.578	531.810	531.894	532.024	531.920	MAX
MIN	531.488	530.878	530.106	530.048	530.818	531.651	531.304	531.383	531.521	531.677	531.748	531.704	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MEAN, 531.445
MAXIMUM DAILY, 532.405 ON JUN 16
MINIMUM DAILY, 530.048 ON APR 5
MAXIMUM INSTANTANEOUS,
532.426 AT 14:07 PST ON JUN 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 16 N
LONG 116 55 47 W

REGULATED SINCE 1931

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM 1928 ADJUSTMENT
APPLY 0.116 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1980 ADJ.)

KOOTENAY LAKE OUTFLOW NEAR CORRA LINN - STATION NO. 08NJ160

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	493	539	481	456	824	903	887	585	436	541	809	810	1
2	585	733	515	484	824	889	813	809	445	603	808	788	2
3	481	988	527	436	858	846	787	891	485	578	820	788	3
4	487	974	527	501	892	971	888	801	438	595	788	823	4
5	472	897	513	473	932	1 080	770	838	445	585	843	1 040	5
6	498	821	418	470	943	1 180	788	788	483	595	589	1 100	6
7	564	881	337	484	1 040	1 200	726	739	445	585	438	1 110	7
8	568	1 010	377	484	1 080	1 180	803	718	447	588	458	940	8
9	594	1 010	380	487	1 080	1 180	572	675	480	565	584	932	9
10	578	885	382	568	1 070	1 200	568	885	459	488	1 110	787	10
11	580	887	388	501	1 180	1 180	841	843	486	473	1 310	783	11
12	612	782	385	538	1 180	1 180	810	823	447	481	1 290	820	12
13	626	817	382	515	1 200	1 180	484	888	456	487	1 280	832	13
14	620	813	380	515	1 200	1 180	538	807	459	487	1 010	823	14
15	620	487	348	518	1 210	1 330	518	789	447	484	748	803	15
16	623	521	348	538	1 210	1 400	501	787	478	538	482	800	16
17	628	515	377	549	1 080	1 410	487	882	482	800	447	928	17
18	628	515	377	580	1 030	1 370	481	872	487	828	487	932	18
19	623	501	357	603	1 030	1 280	521	878	484	824	484	934	19
20	617	510	391	628	1 030	1 220	515	804	473	470	487	1 000	20
21	628	507	348	888	1 020	1 180	413	782	484	481	728	1 080	21
22	493	487	382	702	1 030	1 070	488	780	473	515	840	1 080	22
23	473	480	357	733	877	988	518	841	487	527	889	1 080	23
24	544	480	351	770	834	949	586	872	473	583	848	1 080	24
25	518	480	380	783	843	949	547	817	473	588	948	1 080	25
26	541	480	337	796	883	946	582	843	480	808	863	1 080	26
27	541	507	357	798	920	985	572	915	481	854	908	887	27
28	549	481	345	824	868	926	523	875	478	780	841	932	28
29	541		357	818	937	903	546	778	586	748	784	932	29
30	536		351	818	932	821	585	778	523	800	804	912	30
31	597		384		934		634	880		800		851	31
TOTAL	20 306	18 288	11 847	17 977	31 202	33 214	18 427	25 188	14 045	17 488	23 322	29 047	TOTAL
MEAN	655	652	385	599	1 010	1 110	594	813	488	564	777	937	MEAN
MAX	926	1 010	527	824	1 210	1 410	887	943	823	780	1 310	1 110	MAX
MIN	473	481	337	436	824	821	413	595	436	467	439	851	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 714
MAXIMUM DAILY, 1 410 ON JUN 17
MINIMUM DAILY, 337 ON MAR 7

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 36 01 N
LONG 117 27 54 W
DRAINAGE AREA, 48 600 km²

REGULATED SINCE 1938

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 780 000	JUL	1 590 000
FEB	1 580 000	AUG	2 160 000
MAR	1 030 000	SEP	1 210 000
APR	1 550 000	OCT	1 510 000
MAY	2 700 000	NOV	2 020 000
JUN	2 870 000	DEC	2 510 000

TOTAL DISCHARGE, 22 900 000 dam³

DATA CONTRIBUTED BY -
WEST KOOTENAY POWER

KOOTENAY RIVER ABOVE CORRA LINN - STATION NO. 08NJ113

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	531.870	531.100	530.480	529.358	528.415	530.723	530.762	530.651	531.266	531.448	531.417	531.038	1
2	531.386	530.786	530.367	529.077	528.486	530.831	530.823	530.892	531.356	531.331	531.431	531.181	2
3	531.807	529.985	530.196	529.215	528.507	530.926	530.817	530.831	531.441	531.320	531.467	531.157	3
4	531.621	528.740	530.129	528.906	528.446	530.992	530.908	530.674	531.496	531.322	531.391	530.891	4
5	531.627	530.464	530.072	529.073	528.463	530.959	530.756	530.593	531.508	531.384	530.912	530.677	5
6	531.804	530.404	530.118	529.048	528.723	530.893	530.681	530.663	531.524	531.382	531.380	530.392	6
7	531.541	529.701	530.285	529.060	528.932	530.726	530.686	530.712	531.583	531.416	531.659	530.378	7
8	531.492	528.845	530.178	529.172	528.815	530.685	530.651	530.721	531.588	531.386	531.520	530.786	8
9	531.477	529.008	530.185	529.211	530.003	530.859	530.914	530.458	531.544	531.383	531.488	530.892	9
10	531.414	529.338	530.121	528.760	530.187	531.031	530.925	530.451	531.598	531.384	530.348	531.077	10
11	531.286	530.286	530.088	528.589	530.287	531.084	530.931	530.328	531.586	531.414	528.294	531.092	11
12	530.736	530.223	530.060	528.663	530.244	531.085	530.956	530.359	531.578	531.469	528.323	530.731	12
13	530.817	530.373	530.042	528.372	530.312	531.104	531.022	530.441	531.569	531.541	528.346	530.837	13
14	530.433	530.884	529.874	528.403	530.302	531.138	530.981	530.815	531.584	531.586	530.081	530.707	14
15	530.448	530.888	529.986	528.387	530.222	530.768	530.949	530.681	531.567	531.580	531.088	530.822	15
16	530.432	530.708	530.029	528.433	530.115	530.240	530.956	530.672	531.542	531.472	531.584	530.908	16
17	530.408	530.711	529.848	528.433	530.383	530.108	531.016	530.578	531.515	531.387	531.908	530.884	17
18	530.404	530.841	529.841	528.482	530.760	530.017	531.026	530.509	531.305	531.387	531.588	530.872	18
19	530.448	530.877	529.811	528.501	530.734	530.186	530.956	530.474	531.472	531.482	531.588	530.904	19
20	530.481	530.558	529.811	528.493	530.781	530.384	530.939	530.606	531.492	531.559	531.592	530.787	20
21	530.938	530.540	529.885	528.464	530.754	530.440	531.017	530.658	531.505	531.594	531.270	530.807	21
22	531.351	530.587	529.787	528.484	530.648	530.578	531.011	530.692	531.536	531.580	530.812	530.689	22
23	531.382	530.642	529.815	528.519	530.726	530.846	530.972	530.635	531.571	531.558	530.882	530.643	23
24	531.268	530.555	529.783	528.458	530.608	530.833	530.827	530.489	531.559	531.446	530.782	530.801	24
25	531.294	530.535	529.788	528.457	530.604	530.887	530.843	530.391	531.532	531.511	530.730	530.477	25
26	531.217	530.479	529.786	528.483	530.887	530.838	530.890	530.316	531.546	531.506	530.716	530.451	26
27	531.206	530.441	529.702	528.845	530.816	530.778	530.889	530.382	531.542	531.376	530.730	530.563	27
28	531.161	530.527	529.715	528.442	530.788	530.785	530.861	530.436	531.547	531.309	530.943	530.821	28
29	531.120		529.695	528.379	530.717	530.780	530.863	530.811	531.445	531.324	531.083	530.824	29
30	531.128		529.870	528.402	530.881	530.777	530.810	530.618	531.388	531.400	531.043	530.889	30
31	531.028		529.887		530.838		530.844	530.782		531.391		531.322	31
MEAN	531.098	530.291	529.871	528.882	530.047	530.762	530.899	530.561	531.509	531.434	530.895	530.788	MEAN
MAX	531.827	531.100	530.480	529.358	530.887	531.138	531.028	530.892	531.586	531.584	531.608	531.322	MAX
MIN	530.404	528.740	529.870	528.372	528.415	530.017	530.681	530.316	531.266	531.309	528.294	530.378	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MEAN, 530.580
MAXIMUM DAILY, 531.827 ON JAN 5
MINIMUM DAILY, 528.294 ON NOV 11
MAXIMUM INSTANTANEOUS,
531.812 AT 13:43 PST ON NOV 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 10 N
LONG 117 28 02 W

REGULATED SINCE 1931

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

KOOTENAY RIVER AT CANAL FLATS - STATION NO. 08NF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.08	16.08	14.88	14.8	87.5	143	248	108	124	84.3	34.4	33.28	1
2	20.08	11.08	13.28	14.4	83.4	208	218	108	120	81.9	33.4	32.88	2
3	21.88	11.48	12.78	14.2	88.4	270	178	111	137	49.7	34.3	34.08	3
4	24.28	12.88	13.88	14.0	88.0	283	168	107	138	48.2	34.5	36.7	4
5	23.88	13.98	15.08	14.0	87.3	342	185	102	141	47.2	34.1	36.9	5
6	21.08	15.08	16.88	14.5	112	482	188	97.1	144	46.7	33.5	36.7	6
7	19.18	15.78	16.78	15.0	170	520	168	95.3	138	46.3	34.0	34.2	7
8	17.88	15.88	16.38	15.9	218	466	168	96.2	128	44.2	33.2	33.9	8
9	17.28	16.08	16.08	13.1	246	472	180	96.9	116	43.2	33.2	33.9	9
10	16.88	15.98	16.08	10.5	266	501	161	110	108	42.6	43.8	33.58	10
11	16.38	15.88	17.88	14.0	285	448	168	102	98.9	43.5	70.3	31.08	11
12	16.28	15.98	17.48	16.7	243	440	168	94.6	93.9	43.2	64.8	27.58	12
13	17.88	16.08	17.68	16.0	192	473	184	91.8	88.3	43.8	56.5	26.38	13
14	16.88	15.88	17.38	16.7	165	521	172	94.0	86.0	43.4	52.0	28.88	14
15	16.88	15.88	16.78	23.8	145	519	177	91.8	83.4	41.8	48.8	30.88	15
16	20.08	15.38	15.88	27.8	142	543	195	87.2	80.4	40.2	44.5	31.48	16
17	21.08	15.48	15.58	28.2	151	483	181	88.2	77.7	38.8	46.0	28.08	17
18	21.28	15.78	15.88	25.9	151	388	184	104	76.2	37.6	43.8	26.08	18
19	21.08	15.88	15.78	28.7	142	302	152	108	72.4	37.5	44.7	23.88	19
20	19.88	16.18	16.08	33.1	126	271	158	123	88.3	37.8	45.2	21.58	20
21	18.48	16.28	16.38	43.0	114	228	178	116	66.7	38.8	48.3	20.08	21
22	16.88	16.48	16.88	54.5	106	189	188	132	64.2	38.2	42.5	19.08	22
23	16.08	16.78	17.78	60.8	104	181	146	148	62.8	37.5	38.0	21.08	23
24	13.08	16.88	18.28	58.7	106	203	131	136	62.2	38.2	38.0	23.08	24
25	13.78	16.88	18.0	62.7	104	214	124	118	60.9	38.2	40.6	26.08	25
26	15.08	16.88	15.8	48.0	98.7	224	120	122	58.6	37.3	40.88	26.28	26
27	17.88	16.88	17.3	46.3	96.3	280	119	126	58.9	37.2	39.58	29.08	27
28	18.38	16.38	16.6	43.8	94.8	283	123	138	57.7	37.4	38.58	28.08	28
29	20.08		14.9	44.4	91.8	218	119	150	58.8	38.7	36.08	30.58	29
30	22.08		15.2	50.7	91.8	221	113	144	58.4	38.8	35.08	33.08	30
31	18.48		15.1		101		112	134		38.5		32.28	31
TOTAL	586.0	432.3	500.5	878.8	4 300.8	10 284	4 912	3 492.0	2 722.2	1 291.7	1 267.2	915.2	TOTAL
MEAN	18.9	15.4	16.1	28.2	138	342	158	113	90.7	41.7	41.9	29.5	MEAN
MAX	24.3	16.8	18.3	60.8	285	543	248	150	144	84.3	70.3	36.9	MAX
MIN	13.0	11.0	12.7	10.5	87.5	143	112	87.2	58.4	36.5	33.2	19.0	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 88.4
MAXIMUM DAILY, 543 ON JUN 15
MINIMUM DAILY, 10.5 ON APR 10
MAXIMUM INSTANTANEOUS,
585 AT 13:20 MST ON JUN 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 52 N
LONG 115 47 57 W
DRAINAGE AREA, 6 390 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	50 600	JUL	424 000
FEB	37 400	AUG	302 000
MAR	43 200	SEP	235 000
APR	75 800	OCT	112 000
MAY	372 000	NOV	109 000
JUN	887 000	DEC	79 100

TOTAL DISCHARGE, 2 730 000 dam³

KOOTENAY RIVER AT FORT STEELE - STATION NO. 08NG065

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	39.8	36.2	26.7	34.0	182	291	369	187	206	81.2	72.8	71.1	1
2	39.7	33.8	26.3	33.9	214	419	385	181	193	88.2	70.8	70.3	2
3	39.4	31.6	24.4	33.1	261	535	381	181	186	88.5	70.0	70.9	3
4	42.4	31.4	25.2	31.9	286	585	322	178	208	86.5	71.4	75.8	4
5	45.0	32.6	27.4	32.3	273	628	314	172	206	84.4	71.8	81.8	5
6	44.9	28.4	28.8	34.0	315	754	314	184	217	82.8	70.3	80.9	6
7	41.0	28.6	31.7	36.0	420	884	311	189	211	81.6	70.3	78.8	7
8	38.0	30.8	32.8	37.3	532	947	312	187	201	80.1	69.6	74.3	8
9	34.6	31.1	32.1	37.8	654	909	309	180	192	78.4	69.7	74.5	9
10	32.9	30.3	34.3	37.1	692	808	295	180	178	77.0	68.9	72.2	10
11	31.3	30.4	38.2	37.2	626	734	284	188	167	76.7	184	85.6	11
12	31.0	30.3	37.4	36.1	553	701	268	171	158	78.8	185	88.1	12
13	34.7	30.8	37.1	41.5	443	726	294	162	147	81.8	183	84.4	13
14	37.8	30.8	37.2	46.7	376	763	331	164	141	86.4	138	87.3	14
15	38.1	30.4	35.8	62.7	338	833	326	161	136	86.2	123	82.3	15
16	38.1	30.6	34.4	74.2	318	880	331	164	132	81.1	110	84.4	16
17	40.4	30.3	33.1	81.3	325	800	334	148	127	77.6	107	82.3	17
18	42.2	30.3	31.6	80.0	334	638	314	158	126	75.2	102	89.4	18
19	41.8	30.8	31.3	84.4	322	532	284	158	122	74.4	101	84.3	19
20	39.2	31.0	32.7	100	291	481	272	162	117	74.4	101	81.2	20
21	38.9	31.2	33.6	128	287	426	293	172	113	78.1	102	46.9	21
22	38.9	31.6	34.1	180	283	377	296	188	108	81.8	100	42.2	22
23	34.2	32.0	35.1	177	249	359	286	219	108	82.9	81.0	44.6	23
24	30.1	32.2	34.8	171	284	368	237	227	104	83.7	84.3	80.4	24
25	27.3	32.3	34.7	158	245	395	222	208	102	87.6	87.8	89.4	25
26	28.6	31.7	36.0	146	233	417	211	208	98.7	86.1	86.4	85.6	26
27	31.7	31.7	36.6	136	230	470	204	234	97.8	83.3	77.8	88.7	27
28	33.9	31.7	37.3	130	231	464	203	245	95.7	82.8	78.4	86.4	28
29	36.2		36.8	126	223	395	205	250	94.5	79.6	78.0	85.2	29
30	38.5		34.8	133	214	378	198	239	92.9	78.9	71.4	74.3	30
31	44.1		34.6		226		189	221		78.4		73.4	31
TOTAL	1 102.3	833.7	1 029.8	2 455.8	10 141	17 702	8 896	5 748	4 282.7	2 529.6	2 904.0	1 988.8	TOTAL
MEAN	37.2	29.8	33.2	81.9	327	590	287	185	148	81.6	96.8	84.2	MEAN
MAX	45.0	36.2	36.2	177	626	884	369	250	217	91.3	185	81.6	MAX
MIN	27.3	21.4	24.4	31.9	182	291	189	148	92.9	74.4	68.6	42.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 164
MAXIMUM DAILY, 884 ON JUN 7
MINIMUM DAILY, 21.4 ON FEB 4
MAXIMUM INSTANTANEOUS,
905 AT 17:59 MST ON JUN 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 38 43 N
LONG 115 38 04 W
DRAINAGE AREA, 11 400 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	98 600	JUL	768 000
FEB	72 000	AUG	487 000
MAR	89 000	SEP	380 000
APR	212 000	OCT	219 000
MAY	878 000	NOV	281 000
JUN	1 530 000	DEC	172 000

TOTAL DISCHARGE, 5 170 000 dam³

KOOTENAY RIVER AT KOOTENAY CROSSING - STATION NO. 08NF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4638	0.2508	0.1298	0.124E	5.00E	10.0E	13.7 E	4.85	7.36	2.62	1.38	0.8718	1
2	0.4018	0.1468	0.0778	0.117E	8.10E	14.0E	12.8 E	4.78	7.46	2.38	1.38	1.03 E	2
3	0.4228	0.1068	0.0638	0.107E	8.77E	16.5E	11.3 E	5.66	8.26	2.37	1.38	1.06 E	3
4	0.5008	0.1808	0.0908	0.092E	8.78E	18.0E	10.8 E	7.17	8.84	2.32	1.42	1.13 E	4
5	0.5708	0.1038	0.0898	0.080E	7.20E	21.0E	10.6 E	8.24	7.66	2.22	1.38	1.20 E	5
6	0.4638	0.2248	0.1038	0.085E	8.00E	25.0E	10.7 E	6.24	7.20	2.18	1.38	1.20 E	6
7	0.4028	0.2388	0.1038	0.090E	12.5 E	28.2A	10.7 E	4.78	6.87A	2.14	1.38	1.18 E	7
8	0.3408	0.2608	0.1028	0.084E	14.2 E	28.2	10.6 E	4.58	6.31	2.08	1.28	1.17 E	8
9	0.3328	0.2708	0.1028	0.082E	15.7 E	26.0	10.3 E	4.79	5.63	1.87	1.38	1.15 E	9
10	0.3368	0.2198	0.1208	0.088E	16.9 E	25.7	9.88E	5.94	5.42	1.87	2.74	1.14 E	10
11	0.3298	0.1898	0.1238	0.081E	16.5 E	24.1	10.9 A	5.04	5.01	1.89	3.70	1.08 E	11
12	0.3298	0.1708	0.1238	0.088E	14.5 E	23.8	8.93	4.61	4.89	2.01	3.16	1.11 E	12
13	0.3418	0.1628	0.1218	0.107E	12.5 E	23.9	10.2	4.27	4.48	2.08	2.61	1.17 A	13
14	0.3628	0.1788	0.1218	0.122E	10.6 E	26.1	8.99	5.46	4.35	2.06	1.80 B	1.22 E	14
15	0.3698	0.1878	0.1118	0.139E	9.60E	29.7	10.3	6.84	4.24	1.87	1.31 B	1.23 E	15
16	0.3698	0.1908	0.1018	0.184E	8.65E	28.1	10.5	5.12	4.05	1.91	1.33 B	1.20 E	16
17	0.3418	0.1888	0.0818	0.182E	10.1 E	22.8A	10.2	5.32	3.83	1.86	1.33 B	1.14 B	17
18	0.3288	0.1838	0.0818	0.141A	9.90E	18.2E	9.87	10.6	3.72	1.77	1.32 B	1.11 B	18
19	0.3218	0.1848	0.0908	0.158E	9.32E	16.5E	8.80	11.3	3.65	1.77	1.33 B	0.8788	19
20	0.3178	0.1898	0.1088	0.168E	8.80E	15.2E	9.06	11.8	3.40	1.74	1.34 B	0.8408	20
21	0.3128	0.1948	0.1118	0.800E	7.90E	13.6E	8.78	9.37	3.28	1.76	1.31 B	0.8108	21
22	0.3068	0.1868	0.1238	2.20 E	7.82E	12.4E	8.45	10.9	3.10	1.72	1.30 B	0.7838	22
23	0.2738	0.1908	0.1238	4.13 E	7.63E	11.8E	7.08	13.2	2.96	1.70	1.10 B	0.8308	23
24	0.2408	0.1868	0.1258	3.88 E	7.80E	12.8E	8.42	9.80	2.87	1.68	1.10 B	0.8308	24
25	0.2018	0.1878	0.1298	3.85 E	7.63E	13.5E	8.13	7.76	2.87	1.68	1.16 B	1.08 B	25
26	0.2208	0.1778	0.1368	3.47 E	7.32E	14.2E	8.76	7.18	2.79	1.63	1.06 B	1.17 B	26
27	0.2588	0.1728	0.1508	3.30 E	7.16E	15.7E	8.81	7.37	2.76	1.61	1.00 B	1.18 B	27
28	0.2828	0.1668	0.1508	3.18 E	7.00E	14.4E	8.84	8.71	2.68	1.61	0.9858	1.17 B	28
29	0.3048		0.1388	3.20 E	6.78E	13.0E	8.83	8.30	2.60	1.58	0.8838	1.16 B	29
30	0.3138		0.1348	3.60 E	7.00E	13.1E	8.98	8.38	2.58	1.61	0.8468	1.08 B	30
31	0.3148		0.1308		7.80E		8.01	8.26		1.62		1.08 B	31
TOTAL	10.888	5.442	3.528	33.807	283.67	574.7	281.38	225.84	141.93	58.38	45.233	33.864	TOTAL
MEAN	0.345	0.194	0.114	1.12	9.47	19.2	9.08	7.28	4.73	1.81	1.81	1.08	MEAN
MAX	0.570	0.270	0.180	4.13	16.9	29.7	13.7	13.2	8.26	2.62	3.70	1.23	MAX
MIN	0.201	0.148	0.077	0.080	5.00	10.0	8.01	4.27	2.58	1.61	0.846	0.763	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.68
MAXIMUM DAILY, 29.7 ON JUN 15
MINIMUM DAILY, 0.0778 ON MAR 2
MAXIMUM INSTANTANEOUS,
31.8 AT 14:25 MST ON JUN 15

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 53 10 N
LONG 116 02 35 W
DRAINAGE AREA, 430 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	823	JUL	24 300
FEB	470	AUG	10 800
MAR	308	SEP	12 300
APR	2 800	OCT	5 120
MAY	25 400	NOV	3 610
JUN	49 700	DEC	2 900

TOTAL DISCHARGE, 148 000 dam³

KOOTENAY RIVER AT NELSON - STATION NO. 08NJ009

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	531.764	531.412	530.778	529.956	530.506	531.439	531.402	531.211	531.443	531.871	531.884	531.861	1
2	531.737	531.388	530.711	529.914	530.543	531.536	531.393	531.246	531.833	531.808	531.707	531.813	2
3	531.743	531.139	530.615	529.926	530.600	531.606	531.358	531.274	531.614	531.685	531.735	531.831	3
4	531.786	530.985	530.564	529.886	530.657	531.668	531.347	531.262	531.653	531.605	531.737	531.820	4
5	531.801	531.089	530.506	529.868	530.721	531.730	531.304	531.271	531.663	531.617	531.615	531.872	5
6	531.788	531.122	530.463	529.879	530.613	531.781	531.239	531.265	531.686	531.643	531.658	531.838	6
7	531.788	531.045	530.487	529.874	530.638	531.835	531.207	531.239	531.713	531.682	531.730	531.848	7
8	531.728	530.960	530.436	529.900	531.075	531.903	531.213	531.229	531.735	531.640	531.708	531.869	8
9	531.713	530.932	530.400	529.830	531.272	531.958	531.226	531.231	531.740	531.597	531.771	531.862	9
10	531.672	530.824	530.385	529.837	531.416	532.000	531.218	531.263	531.782	531.587	531.827	531.887	10
11	531.622	531.015	530.344	529.901	531.584	532.018	531.218	531.264	531.743	531.582	531.484	531.888	11
12	531.460	531.028	530.324	529.889	531.621	532.027	531.218	531.267	531.734	531.552	531.509	531.448	12
13	531.352	531.073	530.304	529.889	531.884	532.031	531.246	531.263	531.726	531.710	531.483	531.418	13
14	531.303	531.003	530.278	529.862	531.841	532.049	531.231	531.260	531.721	531.747	531.482	531.448	14
15	531.311	530.995	530.277	529.864	531.809	532.037	531.218	531.264	531.708	531.780	531.801	531.498	15
16	531.314	531.004	530.282	529.903	531.889	531.998	531.220	531.268	531.884	531.690	531.751	531.536	16
17	531.288	530.995	530.257	529.954	531.887	531.917	531.250	531.272	531.882	531.636	531.745	531.549	17
18	531.289	530.948	530.232	529.994	531.811	531.830	531.255	531.264	531.880	531.647	531.774	531.568	18
19	531.317	530.905	530.203	530.040	531.803	531.778	531.225	531.269	531.878	531.677	531.780	531.567	19
20	531.324	530.887	530.173	530.089	531.821	531.736	531.210	531.262	531.886	531.729	531.783	531.578	20
21	531.418	530.863	530.164	530.181	531.884	531.892	531.214	531.237	531.877	531.786	531.880	531.581	21
22	531.583	530.871	530.120	530.288	531.843	531.836	531.220	531.248	531.708	531.772	531.537	531.543	22
23	531.560	530.838	530.118	530.386	531.823	531.881	531.242	531.255	531.737	531.786	531.534	531.523	23
24	531.529	530.848	530.088	530.435	531.823	531.827	531.229	531.263	531.726	531.702	531.510	531.504	24
25	531.520	530.824	530.075	530.488	531.821	531.881	531.233	531.264	531.702	531.747	531.495	531.488	25
26	531.478	530.785	530.082	530.488	531.826	531.869	531.221	531.265	531.706	531.781	531.484	531.482	26
27	531.480	530.780	530.042	530.508	531.807	531.828	531.227	531.259	531.716	531.741	531.467	531.488	27
28	531.426	530.805	530.038	530.483	531.487	531.806	531.231	531.232	531.717	531.719	531.515	531.533	28
29	531.387		530.032	530.487	531.488	531.489	531.248	531.242	531.880	531.701	531.580	531.537	29
30	531.390		530.027	530.503	531.432	531.433	531.232	531.235	531.870	531.674	531.580	531.584	30
31	531.380		530.012		531.414		531.228	531.264		531.668		531.648	31
MEAN	531.623	530.978	530.282	530.089	531.328	531.782	531.248	531.254	531.887	531.678	531.628	531.643	MEAN
MAX	531.801	531.412	530.778	530.508	531.884	532.048	531.402	531.282	531.782	531.772	531.788	531.848	MAX
MIN	531.288	530.780	530.012	529.862	530.506	531.433	531.207	531.211	531.443	531.587	531.467	531.418	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MEAN, 531.281
MAXIMUM DAILY, 532.048 ON JUN 14
MINIMUM DAILY, 529.862 ON APR 14
MAXIMUM INSTANTANEOUS,
532.079 AT 08:55 PST ON JUN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 33 N
LONG 117 18 48 W

REGULATED SINCE 1931

DRAINAGE AREA,
46 300 KM²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM 1928 ADJUSTMENT
APPLY 0.128 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

KOOTENAY RIVER BELOW CORRA LINN - STATION NO. 08NJ116

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	513.010	512.994	512.995	513.027	513.023	512.988	513.004	513.038	513.020	513.033	513.035	515.038	1
2	512.996	513.171	512.998	513.033	513.028	513.007	513.001	513.043	513.024	513.034	513.064	513.038	2
3	512.994	513.315	512.973	513.132	513.026	513.002	513.007	513.046	513.023	513.031	513.036	513.039	3
4	512.994	513.361	512.962	513.017	513.021	513.027	513.001	513.046	513.022	513.037	513.036	513.073	4
5	513.001	513.189	512.974	512.995	513.015	513.286	512.991	513.046	513.019	513.037	513.040	513.237	5
6	513.007	513.033	512.970	512.994	513.043	513.648	512.988	513.046	513.018	513.034	513.037	513.430	6
7	513.003	513.162	512.977	513.011	513.189	513.694	512.988	513.047	513.018	513.034	513.078	513.438	7
8	512.994	513.292	512.978	513.009	513.326	513.633	512.988	513.052	513.012	513.036	513.068	513.214	8
9	513.009	513.293	512.980	513.012	513.631	513.557	512.988	513.053	513.015	513.034	513.035	513.028	9
10	513.018	513.126	512.981	513.024	513.740	513.697	512.988	513.051	513.017	513.034	513.840	513.029	10
11	513.002	513.018	512.974	513.014	513.523	513.648	512.983	513.052	513.021	513.030	514.265	513.048	11
12	512.992	513.012	512.981	513.012	513.686	513.642	512.978	513.049	513.023	513.038	514.394	513.040	12
13	512.988	513.017	512.987	513.014	513.768	513.638	512.991	513.048	513.024	513.036	514.184	513.023	13
14	512.996	513.017	513.115	513.025	513.798	513.633	512.996	513.045	513.023	513.037	513.284	513.021	14
15	513.004	513.017	513.213	513.031	513.703	514.178	513.010	513.047	513.018	513.034	513.037	513.034	15
16	513.002	513.020	513.222	513.020	513.685	514.478	513.015	513.049	513.018	513.034	513.038	513.027	16
17	512.997	513.004	513.136	513.021	513.335	514.463	513.004	513.049	513.017	513.037	513.037	513.025	17
18	513.008	513.007	513.088	513.028	513.187	514.422	513.010	513.051	513.017	513.037	513.034	513.020	18
19	512.998	513.015	513.052	513.015	513.172	514.128	513.007	513.052	513.017	513.037	513.040	513.023	19
20	512.997	513.008	513.095	513.015	513.168	513.873	512.997	513.053	513.012	513.038	513.038	513.180	20
21	513.011	513.017	513.020	513.017	513.168	513.698	513.002	513.053	513.013	513.037	513.037	513.313	21
22	513.014	513.018	513.015	513.023	513.168	513.341	513.004	513.055	513.028	513.038	513.032	513.312	22
23	513.016	513.028	513.025	513.036	513.048	513.033	512.995	513.056	513.038	513.039	513.038	513.314	23
24	513.011	513.016	513.032	513.083	512.980	513.000	512.995	513.047	513.030	513.043	513.038	513.317	24
25	513.008	513.018	513.018	513.124	512.995	513.010	512.995	513.057	513.041	513.039	513.038	513.318	25
26	513.013	513.009	513.017	513.120	512.993	513.017	512.993	513.060	513.058	513.037	513.043	513.318	26
27	513.009	512.997	513.013	513.048	512.984	513.003	513.019	513.058	513.037	513.039	513.038	513.224	27
28	512.998	513.010	513.097	513.028	512.998	512.990	513.028	513.060	513.036	513.038	513.038	513.036	28
29	513.003		513.103	513.015	512.993	512.988	513.027	513.100	513.036	513.037	513.039	513.017	29
30	513.008		513.078	513.013	512.992	512.998	513.031	513.112	513.037	513.038	513.062	513.007	30
31	512.992		513.089		512.998		513.029	513.051		513.042		513.007	31
MEAN	513.003	513.077	513.037	513.033	513.236	513.481	513.002	513.054	513.025	513.036	513.189	513.135	MEAN
MAX	513.016	513.361	513.222	513.132	513.768	514.463	513.031	513.112	513.058	513.043	514.394	513.438	MAX
MIN	512.988	512.994	512.970	512.994	512.980	512.988	512.978	513.038	513.012	513.030	513.032	513.007	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES.

MEAN, 513.110
MAXIMUM DAILY, 514.463 ON JUN 17
MINIMUM DAILY, 512.970 ON MAR 6
MAXIMUM INSTANTANEOUS,
514.548 AT 18:58 PST ON NOV 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 08 N
LONG 117 28 08 W

REGULATED SINCE 1931

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

KOOTENAY RIVER NEAR SKOOKUMCHUCK - STATION NO. 08NG053

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	27.0	18.7	17.8	21.8	89.7	182	284	143	155	69.2	45.8	42.3	1
2	24.5	15.6	14.9	21.5	118	259	286	142	148	66.9	44.3	43.7	2
3	24.9	16.6	16.5	20.2	133	314	237	142	182	64.4	45.8	44.5	3
4	28.8	18.1	17.4	19.7	131	333	221	137	165	62.4	48.4	48.5	4
5	31.3	17.3	18.5	20.7	133	372	220	132	167	61.1	46.0	49.9	5
6	28.3	18.8B	20.6	21.7	159	475	221	128	173	60.0	44.8	47.9	6
7	26.0	18.5B	21.4	22.8	222	544	218	124	184	59.2	44.9	44.8	7
8	22.3	18.6B	21.1	22.9	278	505	221	126	158	58.1	44.5	44.5	8
9	20.7	18.8B	21.1	22.2	285	508	218	129	148	56.9	44.3	43.9	9
10	21.1	18.6B	22.3	21.9	325	515	204	147	138	55.9	58.1	42.3	10
11	20.9	18.7B	22.4	22.0	332	472	204	138	129	57.4	55.3	37.2	11
12	20.4	19.6	22.4	22.9	287	461	204	128	121	58.0	60.0	30.3	12
13	24.2	20.0	22.3	24.2	249	488	215	125	114	60.0	78.1	32.2	13
14	27.8	19.9	22.5	27.1	214	532	234	127	110	59.9	59.8	35.1	14
15	26.3	20.3	21.1	31.2	192	552	231	123	107	57.8	53.0	36.9	15
16	28.4	20.5	20.4	37.5	189	583	246	118	104	55.0	57.5	38.9	16
17	28.4	20.1	19.5	37.6	185	507	240	122	100	52.6	59.9	35.2	17
18	28.7	19.6	18.5	36.4	199	403	218	128	99.3	51.6	58.9	33.5	18
19	28.7	20.2	19.9	39.5	187	346	199	129	94.4	51.3	59.1	28.7	19
20	24.8	21.5	20.7	45.6	171	323	204	145	89.3	51.6	59.6	26.4	20
21	24.0	21.4	20.7	56.0	157	262	229	148	85.5	54.1	59.8	21.3	21
22	23.6	22.2	21.6	72.5	148	253	217	159	82.3	54.1	55.7	20.1	22
23	20.0	21.5	21.5	83.7	148	244	188	177	79.6	53.1	49.5	25.2	23
24	17.3	21.1	21.2	78.7	148	264	171	169	78.7	53.7	48.5	34.1	24
25	16.6	21.2	21.6	73.0	146	276	163	164	76.9	53.8	53.2	39.4	25
26	17.5	20.9	22.4	68.8	143	284	165	164	75.0	52.2	50.0	40.3	26
27	20.3	20.9	23.1	65.0	140	329	153	166	73.7	51.2	44.8	38.3	27
28	22.8	20.3	23.4	61.5	137	301	157	174	73.4	51.5	44.4	37.4	28
29	23.5		22.7	60.8	132	265	154	180	71.4	49.9	44.1	37.3	29
30	28.2		22.1	58.4	131	267	147	174	70.2	48.2	41.2	35.6	30
31	28.3		22.0		141		144	165		47.8		34.3	31
TOTAL	752.5	552.9	643.8	1 228.7	5 677.7	11 430	6 382	4 445	3 414.0	1 738.6	1 646.3	1 146.9	TOTAL
MEAN	24.3	19.7	20.8	41.0	183	381	206	143	114	56.1	54.9	37.0	MEAN
MAX	31.3	22.2	23.4	83.7	332	583	284	180	173	69.2	65.3	49.9	MAX
MIN	16.6	15.6	14.9	19.7	89.7	182	144	118	70.2	47.8	41.2	20.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 107
MAXIMUM DAILY, 583 ON JUN 16
MINIMUM DAILY, 14.9 ON MAR 2
MAXIMUM INSTANTANEOUS,
594 AT 11:40 MST ON JUN 16

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 54 38 N
LONG 115 44 08 W
DRAINAGE AREA, 7 120 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	65 000	JUL	551 000
FEB	47 000	AUG	384 000
MAR	55 900	SEP	295 000
APR	106 000	OCT	150 000
MAY	491 000	NOV	142 000
JUN	988 000	DEC	99 100

TOTAL DISCHARGE, 3 370 000 dam³

KUSKANAX CREEK AT 1040 m CONTOUR - STATION NO. 08NE117

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.880B	0.850B	0.590B	0.540	12.7	24.9	13.4	2.58	3.48	1.20	1.94	1.99	1
2	0.880B	0.865B	0.585B	0.540	14.8	29.2	13.3	2.85	3.77	1.15	1.88	1.95	2
3	0.875B	0.850B	0.580B	0.528	14.0	28.9	11.5	3.53	3.75	1.13	1.89	1.90	3
4	0.873B	0.855B	0.575B	0.535	13.7	29.0	11.3	2.83	3.92	1.11	1.84	1.83	4
5	0.872	0.850B	0.565B	0.557	16.8	31.5	10.9	2.42	4.88	1.10	1.81	1.87	5
6	0.828	0.840B	0.570B	0.524	25.2	34.1	9.62	2.27	3.65	1.06	1.79	1.79	6
7	0.810	0.835B	0.565B	0.557	28.4	30.0	9.82	2.28	3.48	1.04	1.78	1.70	7
8	0.792	0.837B	0.552	0.538	27.8	30.1	9.76	2.16	3.35	1.03	1.70	1.66	8
9	0.818	0.840B	0.561	0.617	27.2	31.9	8.51	3.17	3.09	1.01	2.63	1.64	9
10	0.788	0.835B	0.562	0.610	28.4	28.2	8.67	2.87	2.78	1.18	13.0	1.54	10
11	0.766	0.830B	0.565	0.649	23.4	26.5	8.38	2.33	2.54	1.33	12.4	1.41	11
12	0.762	0.820B	0.559	0.742	18.4	27.6	8.68	2.08	2.33	1.73	6.80	1.53	12
13	0.792	0.810B	0.569	0.897	12.7	28.5	9.48	2.07	2.19	1.65	5.85	1.45	13
14	0.774	0.805B	0.566	1.34	11.4	35.5	8.80	1.97	2.08	1.54	5.65	1.43	14
15	0.760	0.810B	0.569	2.80	11.7	40.3	9.47	2.47	1.98	1.43	4.84	1.36 B	15
16	0.750B	0.815B	0.593	2.84	12.6	26.9	8.38	2.37	1.89	1.33	4.31	1.30 B	16
17	0.760B	0.820B	0.586	2.92	12.4	19.6	7.14	2.46	1.83	1.31	3.83	1.24 B	17
18	0.770B	0.825B	0.548	3.12	12.2	15.9	6.14	2.07	1.75	1.33	3.54	1.20 B	18
19	0.774	0.830B	0.550	3.84	10.4	17.4	6.21	2.41	1.66	1.33	3.31	1.19 B	19
20	0.744	0.825B	0.558	4.88	9.96	14.2	6.92	2.31	1.59	1.49	3.21	1.20 B	20
21	0.732	0.815B	0.542	6.28	7.89	11.6	7.32	3.80	1.54	2.21	3.52	1.18 B	21
22	0.730B	0.605	0.545	6.59	7.37	12.5	4.81	7.43	1.49	2.38	3.31	1.12 B	22
23	0.740B	0.602	0.537	6.10	7.78	13.6	4.06	6.18	1.44	2.27	3.07	1.11 B	23
24	0.740B	0.594	0.537	5.76	7.85	13.9	3.72	4.18	1.41	3.04	2.83	1.07 B	24
25	0.745B	0.589	0.547	5.67	7.58	14.1	3.41	4.01	1.38	2.79	2.73	1.03 B	25
26	0.735B	0.601	0.550	5.43	7.72	15.4	3.27	3.97	1.32	2.59	2.56	1.00 B	26
27	0.718	0.598	0.553	5.33	7.66	14.7	3.35	5.06	1.29	2.60	2.43	0.975B	27
28	0.659	0.595	0.558	5.53	6.22	10.8	3.52	4.80	1.25	2.37	2.33	0.940B	28
29	0.686		0.555	5.70	8.33	10.5	3.02	4.22	1.24	2.21	2.22	0.910B	29
30	0.740B		0.554	9.04	12.0	11.9	2.79	3.66	1.22	2.16	2.10	0.885B	30
31	0.735B		0.550		18.0		2.72	3.62		2.02		0.865B	31
TOTAL	24.057	17.497	17.422	92.444	443.48	677.2	228.90	100.40	69.57	62.02	114.26	42.365	TOTAL
MEAN	0.776	0.625	0.562	3.08	14.3	22.6	7.38	3.24	2.32	1.68	3.81	1.37	MEAN
MAX	0.880	0.880	0.593	9.04	28.4	40.3	13.4	7.43	4.88	3.04	13.0	1.99	MAX
MIN	0.659	0.589	0.537	0.528	7.37	10.5	2.72	1.97	1.22	1.01	1.70	0.865	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.16
MAXIMUM DAILY, 40.3 ON JUN 15
MINIMUM DAILY, 0.528 ON APR 3
MAXIMUM INSTANTANEOUS,
52.6 AT 05:04 PST ON JUN 15

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 20 38 N
LONG 117 31 05 W
DRAINAGE AREA, 113 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 080	JUL	19 800
FEB	1 510	AUG	8 670
MAR	1 510	SEP	6 010
APR	7 990	OCT	4 490
MAY	38 300	NOV	9 870
JUN	58 500	DEC	3 660

TOTAL DISCHARGE, 162 000 dam³

KUSKANAX CREEK NEAR NAKUSP - STATION NO. 08NE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.61B	2.15A	1.68E	1.72E	28.7	62.7	28.8	7.42	8.43	4.43	5.62	7.76	1
2	2.64B	2.11B	1.67E	1.85E	33.3	61.0	30.0	7.94	8.79	4.27	5.62	7.83	2
3	2.60B	2.08B	1.69E	1.89E	33.1	64.3	28.4	9.14	10.2	4.17	5.84	7.80	3
4	2.60B	2.08B	1.69E	1.71E	32.7	64.3	26.2	7.76	10.0	4.12	7.21	8.20	4
5	2.69B	2.03B	1.83E	1.78E	38.4	66.6	24.8	6.93	11.6	4.04	8.21	7.89	5
6	2.62	2.02B	1.82E	1.90E	53.2	69.8	22.8	6.50	10.6	3.99	8.44	7.35	6
7	2.69	2.01B	1.82E	2.02E	61.8	66.6	22.1	6.34	10.1	3.83	8.48	7.00	7
8	2.47	2.04B	1.81E	1.87E	60.9	63.3	22.0	6.11	9.92	3.80	8.39	7.01	8
9	2.52	2.07B	1.87E	1.83E	60.4	65.8	19.4	7.74	9.32	3.74	13.2	6.84	9
10	2.68	2.06B	1.91E	1.82E	63.8	66.7	19.1	7.65	8.73	4.02	28.7	6.32	10
11	2.60	2.06B	1.89E	2.10E	55.8	66.2	18.3	8.45	8.26	4.82	31.8	5.88	11
12	2.60	2.02B	1.82E	2.30E	42.6	68.6	18.0	8.90	7.88	5.50	23.7	6.22	12
13	2.62	1.97B	1.81E	4.10E	33.8	80.2	18.7	9.73	7.58	5.74	19.8	5.96	13
14	2.57	1.93B	1.83E	6.20E	30.2	70.3	17.8	8.63	7.24	5.33	17.4	5.82	14
15	2.55	1.95B	1.84E	7.40E	28.8	76.8	17.9	8.63	8.98	4.84	15.2	5.97	15
16	2.54	1.87B	1.86E	8.20E	30.8	82.8	17.0	8.37	8.70	4.86	14.0	5.42	16
17	2.56	1.88B	1.78E	8.85E	30.8	48.4	15.3	8.82	8.48	4.63	12.7	5.35	17
18	2.65B	2.00B	1.77E	9.40E	31.2	40.2	13.7	8.61	8.34	4.48	12.0	5.15	18
19	2.61	2.02B	1.78E	10.5 E	27.3	42.3	13.4	8.58	8.11	4.64	11.8	5.07	19
20	2.53	2.00B	1.78E	12.0 E	24.6	38.8	13.7	8.23	8.90	4.71	11.7	5.13	20
21	2.50	1.97E	1.73E	15.0 E	22.3	30.4	14.8	7.88	8.73	5.05	12.8	4.91	21
22	2.37	1.93E	1.72E	17.4 E	20.8	31.1	11.5	12.4	8.53	5.51	11.4	4.87	22
23	2.04	1.91E	1.71E	18.9 E	21.8	33.1	10.6	12.2	8.40	5.27	11.1	4.89	23
24	2.12	1.80E	1.72E	16.4 E	21.8	33.5	9.90	9.88	8.20	7.81	10.7	4.73	24
25	2.50B	1.81E	1.74E	18.3 A	20.7	33.2	9.42	9.66	8.10	7.32	10.2	4.82	25
26	2.47	1.82E	1.78E	15.0 A	20.9	35.3	8.93	8.78	4.98	5.85	9.82	4.89	26
27	2.38	1.81E	1.78E	15.2	20.6	34.2	8.88	10.9	4.85	5.81	9.18	4.48	27
28	2.33	1.80E	1.78E	15.6	21.1	36.9	9.10	10.9	4.89	5.61	8.87	4.41	28
29	2.41		1.78E	17.7	23.0	34.9	8.42	10.3	4.82	6.23	8.61	4.30	29
30	2.61B		1.77E	21.7	27.6	26.3	7.94	9.45	4.82	6.10	8.11	4.26	30
31	2.46B		1.76E		36.6		7.69	9.36		5.80		4.20	31
TOTAL	79.40	55.68	55.80	257.07	1 081.6	1 489.2	513.98	248.19	218.80	162.69	363.20	178.63	TOTAL
MEAN	2.56	2.00	1.80	8.57	34.2	49.6	16.5	8.01	7.32	5.25	12.1	5.77	MEAN
MAX	2.90	2.15	1.91	21.7	63.5	76.6	30.0	12.4	11.6	7.81	31.8	8.20	MAX
MIN	2.04	1.80	1.71	1.68	20.6	24.9	7.69	6.83	4.82	3.74	8.82	4.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.8
MAXIMUM DAILY, 78.6 ON JUN 15
MINIMUM DAILY, 1.68E ON APR 3
MAXIMUM INSTANTANEOUS,
87.8 AT 07:15 PST ON JUN 15

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 18 38 N
LONG 117 44 53 W
DRAINAGE AREA, 337 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 550	JUL	44 300
FEB	4 830	AUG	31 400
MAR	4 830	SEP	19 000
APR	22 200	OCT	14 100
MAY	81 700	NOV	31 400
JUN	128 000	DEC	15 500

TOTAL DISCHARGE, 408 000 dam³

KWADACHA RIVER NEAR WARE - STATION NO. 07EA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.30B	7.48B	8.37B	8.82B	80.0E	174	107	85.7	82.4	50.2	23.8	19.1B	1
2	8.36B	7.43B	8.32B	8.98B	72.0E	178	108	108	82.3	46.5	23.9	19.3B	2
3	8.38B	7.41B	8.28B	7.20B	84.3A	173	111	104	81.8	43.1	24.0	19.2B	3
4	8.40B	7.40B	8.30B	7.43B	93.1	176	132	97.1	87.8	42.8	23.8	19.1B	4
5	8.40B	7.40B	8.33B	7.66B	108	201	129	93.2	86.4	42.8	23.8	19.0B	5
6	8.40B	7.37B	8.34B	7.84B	121	188	121	94.9	82.2	40.4	23.4	18.7B	6
7	8.38B	7.20B	8.36B	7.76B	121	176	120	110	80.6	38.5	23.0	18.2B	7
8	8.35B	7.16B	8.36B	7.96B	121	186	118	107	80.6	37.0	22.8B	17.8B	8
9	8.28B	7.05B	8.36B	8.15B	126	173	115	103	46.7	36.6	22.7B	17.2B	9
10	8.20B	7.00B	8.36B	8.45B	133	186	115	104	45.7	35.3	22.8B	16.9B	10
11	8.20B	8.88B	8.31B	8.80B	141	188	115	124	45.3	34.8	22.6B	15.8B	11
12	8.18B	8.88B	8.30B	9.30B	124	177	113	135	45.6	33.4	22.7B	16.8B	12
13	8.18B	8.87B	8.29B	9.75B	109	181	111	123	44.8	32.4	22.3B	15.3B	13
14	8.17B	8.87B	8.30B	10.2 B	97.7	184	112	117	43.2	31.5	21.4B	15.2B	14
15	8.17B	8.87B	8.40B	11.0 B	97.7	192	114	111	41.3	29.1	20.9B	15.3B	15
16	8.17B	8.87B	8.41B	12.0 B	107	188	109	108	38.3	28.2	20.7B	15.0B	16
17	8.16B	8.87B	8.42B	12.9 B	105	141	105	102	35.8	26.3	21.1B	14.8B	17
18	8.16B	8.87B	8.43B	13.7 B	95.8	130	102	101	33.6	26.4	21.3B	14.1B	18
19	8.05B	8.87B	8.44B	14.4 B	90.3	131	104	96.1	32.6	26.9	21.3B	13.0B	19
20	8.00B	8.86B	8.45B	15.1 B	86.1	121	102	94.2	33.2	29.3	20.7B	11.9B	20
21	7.97B	8.85B	8.46B	15.0 B	85.1	121	99.7	93.7	47.0	30.2	19.7B	10.9B	21
22	7.85B	8.80B	8.47B	17.0 B	79.6	121	95.9	89.3	70.3	29.1	19.3B	10.8B	22
23	7.79B	8.87B	8.48B	18.2 B	76.7	122	94.3	82.2	76.9	27.9	18.8B	10.9B	23
24	7.78B	8.86B	8.50B	20.0 B	76.8	126	92.4	81.2	77.1	28.7	18.6B	11.1B	24
25	7.80B	8.82B	8.53B	22.7 B	77.8	132	91.1	76.9	86.4	26.3	18.9B	11.8B	25
26	7.80B	8.78B	8.57B	26.0 B	80.1	152	88.9	72.4	98.2	26.8	19.1B	12.1B	26
27	7.83B	8.88B	8.80B	31.8 B	80.8	158	86.8	68.7	84.1	25.8	19.2B	12.4B	27
28	7.81B	8.57B	8.81B	37.0 B	80.1	136	86.5	69.3	80.7	24.8B	19.1B	12.7B	28
29	7.77B		8.82B	43.0 E	88.8	117	89.4	83.5	49.8	24.2	19.0B	12.8B	29
30	7.85B		8.70B	51.0 E	110	110	92.5	81.8	51.0	24.4	19.0B	12.7B	30
31	7.87B		8.74B		157		91.9	81.2		24.3		12.3B	31
TOTAL	250.50	197.00	199.04	476.54	3 094.8	4 588	3 278.2	2 948.4	1 842.5	1 001.2	640.2	459.8	TOTAL
MEAN	8.08	7.04	8.42	15.8	99.8	158	106	95.0	61.4	32.3	21.3	14.8	MEAN
MAX	8.40	7.48	8.74	51.0	157	201	132	135	77.1	50.2	24.0	19.3	MAX
MIN	7.87	8.87	8.20	8.82	80.0	110	88.8	81.2	32.8	24.2	18.8	10.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 81.4
MAXIMUM DAILY, 201 ON JUN 8
MINIMUM DAILY, 8.20B ON MAR 12
MAXIMUM INSTANTANEOUS,
215 AT 16:45 PST ON JUN 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 27 00 N
LONG 126 36 15 W
DRAINAGE AREA, 3 410 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	21 600	JUL	283 000
FEB	17 000	AUG	286 000
MAR	17 200	SEP	133 000
APR	41 100	OCT	66 500
MAY	287 000	NOV	55 300
JUN	408 000	DEC	39 700

TOTAL DISCHARGE, 1 530 000 dam³

LAKE KOOCANUSA AT INTERNATIONAL BOUNDARY - STATION NO 08NG079

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	3.368	0.357	---	---	---	1
2	---	---	---	---	---	---	---	3.363	0.333	---	---	---	2
3	---	---	---	---	---	---	---	3.116	0.306	---	---	---	3
4	---	---	---	---	---	---	---	2.987	0.483	---	---	---	4
5	---	---	---	---	---	---	0.382A	2.827	0.538	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	0.524	2.828	0.613	---	---	---	7
8	---	---	---	---	---	---	0.703	2.891	0.678	---	---	---	8
9	---	---	---	---	---	---	0.883	2.721	0.723	---	---	---	9
10	---	---	---	---	---	---	1.048	2.823	0.761	---	---	---	10
11	---	---	---	---	---	---	1.213	2.356	0.806	---	---	---	11
12	---	---	---	---	---	---	1.384	2.118	0.845	---	---	---	12
13	---	---	---	---	---	---	1.577	2.118	0.869	---	---	---	13
14	---	---	---	---	---	---	1.770	2.134	0.900	---	---	---	14
15	---	---	---	---	---	---	1.943	2.106	0.924	---	---	---	15
16	---	---	---	---	---	---	2.098	1.881	0.941	---	---	---	16
17	---	---	---	---	---	---	2.263	1.774	0.868	---	---	---	17
18	---	---	---	---	---	---	2.426	1.648	0.865	---	---	---	18
19	---	---	---	---	---	---	2.527	1.387	0.898	---	---	---	19
20	---	---	---	---	---	---	2.781	1.304	1.012	---	---	---	20
21	---	---	---	---	---	---	2.898	1.308	0.893	---	---	---	21
22	---	---	---	---	---	---	2.998	1.260	0.906	---	---	---	22
23	---	---	---	---	---	---	3.087	1.127	0.823	---	---	---	23
24	---	---	---	---	---	---	3.144	0.958	0.766	---	---	---	24
25	---	---	---	---	---	---	3.203	0.810	0.771	---	---	---	25
26	---	---	---	---	---	---	3.227	0.701	0.893	---	---	---	26
27	---	---	---	---	---	---	3.257	0.984	0.990	---	---	---	27
28	---	---	---	---	---	---	3.282	0.732	0.908	---	---	---	28
29	---		---	---	---	---	3.298	0.736	0.807	---	---	---	29
30	---		---	---	---	---	3.304	0.709	---	---	---	---	30
31	---		---		---		3.384	0.839	---	---	---	---	31
MEAN	---	---	---	---	---	---	3.433	0.809		---	---	---	MEAN
MAX	---	---	---	---	---	---	---	1.783	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	3.384	---	---	---	---	MIN
								0.809					

WATER LEVELS IN METRES

MAXIMUM DAILY, 3.433 ON JUL 31

MAXIMUM INSTANTANEOUS,
3.457 AT 13:03 MST ON JUL 31

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 748.035 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 01 N
LONG 115 10 12 W

A - MANUAL GAUGE

REGULATED SINCE 1972

LAMBLY CREEK ABOVE TERRACE CREEK - STATION NO. 08NM185

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.062	0.0468	0.0808	0.1008	2.77A	2.16	0.808	0.130	0.133	0.083E	0.087	0.138	1
2	0.078	0.0388	0.0898	0.1078	2.84E	1.98	0.862	0.176	0.246	0.083E	0.106	0.160	2
3	0.074	0.0408	0.0808	0.1168	3.18E	1.84	0.846	0.198	0.274	0.082E	0.162	0.178	3
4	0.072	0.0418	0.0838	0.1368	3.38E	1.37	0.383	0.171	0.208	0.082E	0.340	0.187	4
5	0.073	0.0438	0.0878	0.1848	3.68E	1.18	0.348	0.181	0.178	0.081E	0.244	0.138	5
6	0.073	0.0488	0.0718	0.1868	4.02E	1.08	0.317	0.138	0.189	0.081A	0.188	0.126	6
7	0.070	0.0478	0.0768	0.1768	4.30E	0.947	0.301	0.128	0.147	0.077	0.187	0.146	7
8	0.071	0.0488	0.0778	0.1708	4.78E	0.887	0.278	0.130	0.137	0.078	0.181	0.124	8
9	0.071	0.0518	0.0818	0.1828	5.00E	0.798	0.264	0.126	0.126	0.074	0.158	0.120	9
10	0.070	0.0538	0.0908	0.2108	4.42E	0.744	0.327	0.113	0.123	0.073	0.307	0.1088	10
11	0.068	0.0588	0.1008	0.2708	3.78E	0.711	0.372	0.106	0.118	0.072	0.323	0.0878	11
12	0.074	0.0558	0.0938	0.317A	3.34E	0.647	0.288	0.101	0.116	0.076	0.238	0.0828	12
13	0.073	0.0548	0.0888	0.488	2.92E	0.610	0.287	0.108	0.112	0.076	0.169	0.0828	13
14	0.070	0.0558	0.0888	0.640	2.58E	0.668	0.372	0.111	0.106	0.078	0.177	0.0848	14
15	0.069	0.0588	0.0838	0.887	2.39E	0.675	0.640	0.148	0.103	0.078	0.132	0.0868	15
16	0.082	0.0678	0.0808	0.875	2.28E	0.673	0.487	0.233	0.098	0.078	0.101	0.1008	16
17	0.073	0.0588	0.0808	1.00	2.18E	0.820	0.398	0.229	0.106A	0.076	0.101	0.0878	17
18	0.073	0.0608	0.0828	1.22	2.07E	0.481	0.336	0.187	0.106E	0.076	0.100	0.0848	18
19	0.072	0.0628	0.0848	1.83	1.98E	0.557	0.294	0.185	0.106E	0.077	0.101	0.0828	19
20	0.073	0.0648	0.0868	2.10	1.84E	0.492	0.282	0.261	0.103E	0.080	0.101	0.1048	20
21	0.074	0.0658	0.0828	2.28	1.74E	0.448	0.238	0.200	0.101E	0.078	0.103	0.1018	21
22	0.070	0.0678	0.0878	1.81	1.65E	0.441	0.228	0.176	0.098E	0.081	0.112	0.1068	22
23	0.0868	0.0688	0.0878	1.59	2.08E	0.421	0.218	0.169	0.097E	0.088	0.1018	0.1108	23
24	0.0838	0.0688	0.0888	1.84	3.12E	0.384	0.205	0.143	0.095E	0.152	0.1078	0.1038	24
25	0.0878	0.0688	0.1008	1.77	2.10E	0.382	0.194	0.132	0.093E	0.163	0.1168	0.1008	25
26	0.0708	0.0688	0.1128	1.87	2.09E	0.427	0.184	0.148	0.090E	0.148	0.1288	0.087	26
27	0.0788	0.0638	0.1118	1.88	2.80E	0.377	0.178	0.180	0.088E	0.141	0.180	0.101	27
28	0.078	0.0628	0.1088	1.84	2.67E	0.348	0.173	0.161	0.088E	0.108	0.188	0.088	28
29	0.074		0.1068	2.34	2.44A	0.387	0.169	0.161	0.084E	0.085	0.158	0.087	29
30	0.077		0.1038	2.82	2.26	0.423	0.167	0.141	0.083E	0.102	0.130	0.088	30
31	0.0888		0.1028		2.23		0.137	0.138		0.092		0.088	31
TOTAL	2.240	1.868	2.888	30.802	87.95	22.872	8.772	4.667	3.722	2.835	5.116	3.478	TOTAL
MEAN	0.072	0.068	0.087	1.02	2.84	0.766	0.316	0.157	0.124	0.081	0.171	0.112	MEAN
MAX	0.082	0.068	0.112	2.82	5.00	2.18	0.800	0.261	0.274	0.152	0.340	0.190	MAX
MIN	0.063	0.038	0.068	0.100	1.74	0.348	0.137	0.101	0.083	0.072	0.087	0.087	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.488
MAXIMUM DAILY, 5.00E ON MAY 9
MINIMUM DAILY, 0.0388 ON FEB 2

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 59 39 N
LONG 115 36 52 W
DRAINAGE AREA, 78.1 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	194	JUL	844
FEB	138	AUG	430
MAR	232	SEP	322
APR	2 640	OCT	245
MAY	7 600	NOV	442
JUN	1 980	DEC	301

TOTAL DISCHARGE, 15 300 dam³

LANG CREEK NEAR POWELL RIVER - STATION NO. 08GB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.70	7.24	4.84	4.55	2.55	1.88	1.55	0.587	0.333	0.701	1.52	3.77	1
2	5.55	4.608	4.45	4.55	2.53	1.87	2.11	0.554	0.370	0.888	1.84	4.53	2
3	10.1	4.388	4.13	4.43	2.41	1.48	2.12	0.578	0.384	0.648	3.02	5.78	3
4	5.55	3.855	3.84	4.58	2.33	1.36	1.55	0.572	0.443	0.630	5.65	13.9	4
5	5.02	3.608	4.64	5.35	2.23	1.36	1.52	0.542	0.384	0.642	4.64	10.1	5
6	7.58	3.288	5.40	7.53	2.11	1.25	1.41	0.530	0.388	0.636	3.25	5.53	6
7	7.02	3.108	5.16	6.70	2.07	1.23	1.32	0.513	0.404	0.633	2.73	5.13	7
8	5.40	2.838	5.73	5.50	2.03	1.20	1.22	0.480	0.488	0.804	2.55	7.53	8
9	5.58	2.648	5.18	5.02	1.90	1.17	1.18	0.464	0.638	0.617	7.77	7.28	9
10	5.60	3.098	5.58	4.38	1.88	1.18	1.08	0.518	0.714	0.984	5.53	5.43	10
11	5.72	3.088	5.33	4.52	1.83	1.12	1.03	0.580	0.778	0.884	4.85	5.58	11
12	5.74	3.008	5.58	4.67	1.78	1.08	0.977	0.638	0.838	0.884	3.48	4.98	12
13	5.32	2.908	5.64	4.67	1.88	1.22	0.888	0.807	0.833	0.824	3.23	4.44	13
14	5.54	2.788	7.22	4.71	1.88	1.18	0.838	0.888	0.848	0.802	2.75	4.15	14
15	7.54	2.728	8.08	4.78	1.88	1.15	0.844	0.380	0.838	0.488	2.48	3.83	15
16	7.88	2.838	5.81	4.27	1.80	1.11	0.487	0.288	0.852	0.480	2.80	3.48	16
17	6.44	2.898	5.11	3.83	1.88	1.13	0.488	0.261	0.848	0.513	2.78	3.26	17
18	6.08	2.838	4.72	3.57	1.88	1.10	0.438	0.173	0.814	0.714	3.88	3.08	18
19	7.88	2.888	4.38	3.77	1.88	1.44	0.413	0.187	0.800	0.888	3.50	2.78	19
20	8.71	2.748	4.08	5.42	1.88	1.80	0.380	0.443	0.880	0.800	5.25	2.88	20
21	5.00	3.908	4.19	5.47	1.83	1.83	0.370	0.880	0.880	2.11	7.32	2.75	21
22	5.89	5.208	4.37	4.34	1.71	1.44	0.324	2.07	0.880	5.59	5.88	2.88	22
23	5.58	13.2	4.30	3.32	1.81	1.33	0.318	1.88	0.848	6.74	5.85	2.89	23
24	5.00	11.2	3.88	3.28	2.18	1.24	0.288	1.18	0.838	7.83	5.45	2.88	24
25	4.87	10.5	3.77	3.18	2.28	1.18	0.293	0.984	0.818	4.22	5.80	2.88	25
26	4.78	5.34	4.12	3.14	4.18	1.08	0.288	0.887	0.848	3.84	5.28	2.87	26
27	5.28	5.44	4.48	2.98	5.80	1.08	0.333	0.384	0.812	3.58	4.88	2.49	27
28	5.20	4.87	4.81	2.88	5.80	1.09	0.381	0.347	0.782	2.53	4.41	2.47	28
29	5.45		4.22	2.77	4.31	1.08	0.428	0.283	0.778	1.86	4.38	2.41	29
30	7.58		4.12	2.78	2.42	1.18	0.438	0.208	0.747	1.48	4.08	2.71	30
31	7.92		4.38		2.08		0.480	0.308		1.31		2.81	31
TOTAL	221.13	126.38	182.39	134.33	74.75	38.00	25.211	18.198	21.382	83.417	130.88	145.24	TOTAL
MEAN	7.13	4.51	5.24	4.46	2.41	1.27	0.813	0.587	0.712	1.72	4.37	4.69	MEAN
MAX	10.1	13.2	8.08	8.70	5.80	1.88	2.13	2.07	0.848	7.83	7.77	13.9	MAX
MIN	4.78	2.88	3.77	2.78	1.80	1.08	0.288	0.187	0.333	0.480	1.82	2.41	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.15
MAXIMUM DAILY, 13.9 ON DEC 4
MINIMUM DAILY, 0.187 ON AUG 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 47 50 N
LONG 124 22 48 W
DRAINAGE AREA, 138 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	19 100	JUL	2 180
FEB	10 800	AUG	1 570
MAR	14 000	SEP	1 850
APR	11 800	OCT	4 520
MAY	6 480	NOV	11 300
JUN	3 288	DEC	12 800

TOTAL DISCHARGE, 99 400 dam³

LANDEAU RIVER AT MARBLEHEAD - STATION NO. 08NH007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.1	13.68	11.08	14.3	70.8	117	145	87.0	48.8	25.1	21.8	30.1	1
2	15.7	13.28	11.18	14.2	81.0	138	141	84.4	50.1	24.4	21.8	28.4	2
3	15.8	12.78	11.28	14.0	83.0	152	133	85.8	50.1	23.6	21.9	28.3	3
4	16.3	12.48	11.38	14.1	88.8	164	128	80.8	47.8	23.2	23.3	30.1	4
5	16.1	12.48	11.28	14.8	95.2	181	130	87.7	84.3	22.8	23.8	28.3	5
6	15.7	12.38	11.28	16.0	117	208	124	85.8	48.1	22.3	23.3	28.8	6
7	15.4	12.08	11.38	17.5	142	214	122	85.8	45.8	21.7	24.3	28.0	7
8	14.9	11.78	11.38	17.7	152	210	124	85.0	44.8	21.5	24.3	28.3	8
9	15.1	11.58	11.38	17.2	158	226	118	88.8	42.8	20.8	28.8	27.8	9
10	15.2	11.28	11.4	17.2	171	217	114	87.7	40.9	22.4	88.5	28.8	10
11	15.0	10.98	11.8	17.8	171	215	111	84.1	38.2	23.8	84.1	28.8	11
12	14.7	10.78	11.9	18.1	167	221	111	81.7	38.1	28.9	83.8	29.3	12
13	14.8	10.78	12.1	20.8	142	226	118	81.2	37.3	28.3	48.3	28.2	13
14	14.7	10.88	12.4	24.3	131	252	118	80.4	36.7	24.5	48.0	24.5	14
15	14.7	10.68	12.0	31.3	128	294	122	81.8	36.7	23.8	43.3	24.1	15
16	14.8	10.68	11.8	33.8	123	271	122	46.7	34.4	22.7	41.8	23.5	16
17	15.28	10.78	11.5	32.4	120	243	118	46.0	33.1	22.0	40.5	23.2	17
18	15.38	10.78	11.5	32.7	120	218	107	45.0	32.2	21.8	38.3	22.8	18
19	15.08	10.68	11.5	35.5	112	208	104	47.8	31.0	21.8	38.4	22.4	19
20	14.88	10.68	11.8	38.1	104	190	107	47.2	30.0	21.7	38.0	22.4	20
21	14.28	10.68	11.8	44.3	97.8	171	111	50.2	29.5	23.0	40.9	23.0	21
22	14.18	10.68	12.1	48.7	92.1	162	98.9	55.4	29.2	23.8	38.5	21.8	22
23	14.18	10.68	12.0	49.3	89.8	158	88.4	54.3	29.0	23.4	37.5	21.7	23
24	14.08	10.78	12.0	48.7	88.4	155	84.0	49.4	28.8	25.4	36.8	21.3	24
25	14.18	10.68	12.4	48.0	83.7	155	79.8	48.3	28.1	26.0	35.7	21.0	25
26	14.28	10.88	12.8	46.8	81.5	162	76.7	48.8	27.8	24.3	34.8	20.8	26
27	14.3	10.88	13.2	46.8	78.2	167	76.3	52.3	27.7	24.0	33.5	20.8	27
28	14.0	10.88	14.1	48.0	77.8	148	77.2	54.2	28.8	23.7	32.7	20.1	28
29	14.3		14.4	52.2	77.1	138	72.8	53.1	28.8	22.8	32.0	19.8	29
30	14.08		14.3	58.8	81.3	141	69.6	50.8	28.0	22.8	31.0	19.7	30
31	14.08		14.3		84.8		68.8	49.2		22.1		19.3	31
TOTAL	460.4	316.9	373.8	841.2	3 404.8	5 720	3 310.3	1 882.0	1 100.1	721.8	1 084.8	784.0	TOTAL
MEAN	14.9	11.3	12.1	31.4	110	191	107	53.8	36.7	23.3	38.2	24.3	MEAN
MAX	16.3	13.8	14.4	58.8	171	294	145	87.0	84.3	28.8	88.5	30.1	MAX
MIN	14.0	10.8	11.0	14.0	70.8	117	68.8	45.0	28.0	20.8	21.8	19.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 84.4
MAXIMUM DAILY, 294 ON JUN 15
MINIMUM DAILY, 10.68 ON FEB 14
MAXIMUM INSTANTANEOUS,
310 AT 13:48 PST ON JUN 15

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 15 47 N
LONG 116 58 02 W
DRAINAGE AREA, 1 830 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	38 800	JUL	288 000
FEB	27 300	AUG	144 000
MAR	32 300	SEP	85 000
APR	81 300	OCT	62 300
MAY	284 000	NOV	93 700
JUN	494 000	DEC	88 100

TOTAL DISCHARGE, 1 710 000 dam³

LAVENTIE CREEK NEAR THE MOUTH - STATION NO. 08JA015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.7308	0.3858	0.3858	0.278	4.72	24.7	13.7	9.70	3.36	2.80	2.18	2.18	1
2	0.7188	0.3358	0.3028	0.280	8.30	21.8	12.7	9.22	3.51	2.25	2.69	21.2	2
3	0.7188	0.3108	0.3058	0.280	7.84	21.8	13.3	8.84	4.75	2.68	18.0	10.3	3
4	0.7188	0.2688	0.3058	0.278	7.67	26.9	10.9	8.48	4.48	2.80	9.35	5.11	4
5	0.7148	0.2838	0.3018	0.280	7.32	28.1	10.2	7.36	3.38	2.85	5.00	3.57	5
6	0.7128	0.2798	0.2958	0.278	12.2	22.6	11.1	8.52	3.72	2.81	3.85	2.82	6
7	0.7108	0.2778	0.2638	0.272	13.5	20.8	10.7	8.43	4.66	3.43	3.38	2.57	7
8	0.6858	0.2758	0.2758	0.268	13.0	20.3	12.0	8.07	4.78	2.88	3.60	2.48	8
9	0.6858	0.2748	0.2738	0.268	10.8	19.8	13.2	4.50	3.76	4.70	12.8	1.88	9
10	0.6708	0.2778	0.2738	0.303	7.81	21.2	18.2	4.08	3.18	3.88	11.3	1.88	10
11	0.6508	0.2808	0.2788	0.348	5.38	23.5	18.0	4.87	3.17	3.34	5.18	2.02	11
12	0.6258	0.2858	0.2798	0.381	3.75	23.0	14.7	5.11	3.45	2.81	3.85	1.70	12
13	0.6008	0.2908	0.2818	0.370	3.10	27.4	14.8	5.58	3.22	2.60	3.37	1.82	13
14	0.5758	0.2858	0.2728	0.5008	3.20	24.8	12.4	6.39	2.86	2.42	2.85	1.61	14
15	0.5558	0.2988	0.2688	0.5008	4.08	18.5	10.6	7.12	2.47	2.18	3.18	1.55	15
16	0.5458	0.2988	0.2608	0.570	6.38	12.9	9.83	8.80	2.38	2.04	2.80	1.51	16
17	0.5308	0.3008	0.2608	0.610	7.20	10.8	10.0	7.48	2.18	7.84	3.85	1.47	17
18	0.5058	0.3008	0.2628	0.826	8.05	9.18	9.52	7.13	1.96	7.62	33.7	1.42	18
19	0.4858	0.3008	0.2618	0.852	7.08	8.24	9.01	6.83	2.93	7.46	11.6	1.028	19
20	0.4808	0.3008	0.2588	0.716	6.80	8.88	8.23	7.05	4.09	6.86	4.93	1.018	20
21	0.4858	0.3008	0.2588	0.748	5.87	10.9	7.27	10.2	4.04	3.93	3.38	1.028	21
22	0.4608	0.3008	0.2548	0.884	6.18	11.5	7.06	8.46	3.84	3.20	7.78	1.088	22
23	0.4408	0.3008	0.2528	0.690	7.40	17.3	8.31	4.82	3.11	3.15	2.84	1.438	23
24	0.4358	0.3008	0.252	0.775	8.80	23.0	8.83	4.75	2.77	3.28	2.32	3.508	24
25	0.4408	0.2988	0.252	0.988	8.63	24.9	7.02	4.48	2.78	4.37	2.04	4.308	25
26	0.4508	0.2988	0.255	1.41	7.88	18.7	7.78	4.45	2.81	3.53	1.90	4.888	26
27	0.4588	0.2928	0.272	1.67	8.85	10.1	11.8	4.48	2.82	2.80	1.87	4.508	27
28	0.4558	0.2908	0.278	1.68	11.8	8.80	8.55	5.25	3.05	2.49	2.82	3.008	28
29	0.4508		0.288	2.81	15.0	10.3	8.01	8.22	7.07	2.84	2.30	2.65	29
30	0.4358		0.286	3.61	20.4	12.1	9.00	4.88	3.49	2.43	2.21	2.28	30
31	0.4108		0.272		25.2		9.58	3.85		2.23		2.12	31
TOTAL	17.494	8.288	8.483	22.675	270.31	539.61	326.39	198.85	104.05	108.76	171.39	88.32	TOTAL
MEAN	0.564	0.296	0.273	0.783	8.72	18.0	10.5	6.35	3.47	3.51	5.71	3.20	MEAN
MAX	0.730	0.385	0.305	3.61	25.2	28.1	18.3	10.2	7.07	7.84	33.7	21.2	MAX
MIN	0.410	0.274	0.252	0.272	3.10	8.24	8.31	3.85	1.96	2.04	1.87	1.01	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.13
MAXIMUM DAILY, 33.7 ON NOV 18
MINIMUM DAILY, 0.2628 ON MAR 23
MAXIMUM INSTANTANEOUS,
68.8 AT 18:55 PST ON NOV 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 39 08 N
LONG 127 33 13 W
DRAINAGE AREA, 88.5 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 510	JUL	28 200
FEB	718	AUG	17 000
MAR	731	SEP	8 890
APR	1 880	OCT	9 400
MAY	33 400	NOV	14 800
JUN	46 800	DEC	8 880

TOTAL DISCHARGE, 182 000 dam³

LEE CREEK ABOVE DIVERSIONS - STATION NO. 09ND033

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.004E	0.029	0.145	0.042	0.032	0.018	0.012	---	---	1
2	---	---	---	0.004E	0.036	0.155	E.042	0.026	0.018	0.012	---	---	2
3	---	---	---	0.004E	0.041	0.155	E.039	0.023	0.018	0.012	---	---	3
4	---	---	---	0.004A	0.045	0.140	E.036	0.023	0.018	0.013A	---	---	4
5	---	---	---	0.004	0.049	0.142	0.036	0.023	0.018	---	---	---	5
6	---	---	---	0.004	0.054	0.134	E.036	0.023	0.018	---	---	---	6
7	---	---	---	0.004	0.060	0.122	0.035	0.023	0.017	---	---	---	7
8	---	---	---	0.004	0.068	0.113	E.034	0.023	0.018	---	---	---	8
9	---	---	---	0.004	0.082	0.105	E.034	0.022	0.018	---	---	---	9
10	---	---	---	0.004	0.102	0.098	E.035	0.021	0.018	---	---	---	10
11	---	---	---	0.004	0.108	0.091	0.033	0.020	0.018	---	---	---	11
12	---	---	---	0.005	0.103	0.088	0.032	0.020	0.018	---	---	---	12
13	---	---	---	0.006	0.088	0.086	E.032	0.018	0.018	---	---	---	13
14	---	---	---	0.006	0.068	0.080	0.031	0.018	0.018	---	---	---	14
15	---	---	---	0.006	0.078	0.077	0.030	0.020	0.018	---	---	---	15
16	---	---	---	0.006	0.078	0.073	E.029	0.020	0.018	---	---	---	16
17	---	---	---	0.006	0.075	0.071	0.029	0.020	0.018	---	---	---	17
18	---	---	---	0.007	0.075	0.067	0.028	0.020	0.018	---	---	---	18
19	---	---	---	0.008	0.074	0.064	E.027	0.021	0.018	---	---	---	19
20	---	---	---	0.010	0.074	0.060	E.027	0.021	0.018	---	---	---	20
21	---	---	---	0.010	0.071	0.058	E.026	0.020	0.014	---	---	---	21
22	---	---	---	0.011	0.067	0.054	E.026	0.021	0.014	---	---	---	22
23	---	---	---	0.014	0.066	0.051	0.026	0.020	0.018	---	---	---	23
24	---	---	---	0.016	0.066	0.048	0.026	0.020	0.013	---	---	---	24
25	---	---	---	0.016	0.066	0.060	E.026	0.019	0.013	---	---	---	25
26	---	---	---	0.016	0.067	0.048	E.025	0.018	0.013	---	---	---	26
27	---	---	---	0.018	0.071	0.047	0.024	0.018	0.013	---	---	---	27
28	---	---	---	0.020	0.080	0.045	E.024	0.018	0.013	---	---	---	28
29	---		---	0.022	0.106	0.043	E.023	0.018	0.013	---	---	---	29
30	---		---	0.026	0.120	0.043	0.023	0.018	0.013	---	---	---	30
31	---		---		0.127		E.023	0.019		---	---	---	31
TOTAL	---	---	---	0.278	2.327	2.584	0.940	0.637	0.481	---	---	---	TOTAL
MEAN	---	---	---	0.009	0.075	0.086	E.030	0.021	0.016	---	---	---	MEAN
MAX	---	---	---	0.026	0.127	0.155	E.042	0.026	0.018	---	---	---	MAX
MIN	---	---	---	0.004	0.029	0.043	0.023	0.018	0.013	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.155 ON JUN 3

MAXIMUM INSTANTANEOUS,
0.157 AT 03:30 PST ON JUN 3

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 50 07 N
LONG 121 54 05 W
DRAINAGE AREA, 39.3 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	81.2
FEB	---	AUG	55.0
MAR	---	SEP	28.6
APR	23.6	OCT	---
MAY	201	NOV	---
JUN	232	DEC	---

LEMIEUX CREEK NEAR THE MOUTH - STATION NO. 08LB074

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.00 B	0.700B	0.580B	0.731	15.2	7.23	3.14	1.06	3.90	1.42	1.40	2.66	1
2	1.03 B	0.820B	0.580B	0.738	16.8	6.81	3.17	2.84	3.77	1.38	1.41	2.62	2
3	1.06 B	0.840B	0.570B	0.707	17.1	6.28	3.11	2.65	3.63	1.34	1.65	2.68	3
4	1.12 B	0.480B	0.580B	0.707	17.4	6.87	3.21	3.53	3.41	1.30	2.44	2.80	4
5	1.16 B	0.460B	0.640B	0.806	17.8	5.50	3.24	3.26	3.34	1.27	2.80	2.72	5
6	1.17 B	0.470B	0.610E	0.850	18.5	5.14	3.04	2.87	3.16	1.26	2.80	2.70	6
7	1.16 B	0.488B	0.460E	1.01	18.1	4.81	2.88	2.80	2.97	1.22	2.93	2.58	7
8	1.18 B	0.518B	0.475E	1.00	16.8	4.33	2.88	2.82	2.80	1.18	3.04	2.70	8
9	1.13 B	0.530B	0.470A	0.886	16.4	4.16	2.78	2.38	2.84	1.14	3.08	2.70	9
10	1.08 B	0.535B	0.480	1.01	20.0	3.92	2.68	2.19	2.84	1.28	4.11	2.80	10
11	1.07 B	0.540B	0.526	1.05	22.7	3.88	3.30	1.80	2.48	1.33	4.18	2.18	11
12	1.06 B	0.545B	0.547	1.14	20.3	3.37	3.34	1.71	2.38	1.34	4.06	2.80	12
13	1.07 B	0.545B	0.586	1.23	17.7	3.08	3.20	1.70	2.35	1.37	3.95	2.80	13
14	1.07 B	0.550B	0.574	1.46	15.4	3.08	3.28	1.74	2.33	1.41	3.87	2.40	14
15	1.08 B	0.545B	0.518	1.84	13.5	2.97	3.42	2.12	2.36	1.38	3.83	2.37	15
16	1.08 B	0.550B	0.515	1.81	12.7	3.14	3.30	3.45	2.33	1.34	3.83	2.28	16
17	1.03 B	0.560B	0.483	1.88	12.8	3.28	3.07	3.61	2.44	1.30	3.83	2.28	17
18	0.980B	0.570B	0.481	2.08	11.9	3.04	2.80	3.37	2.37	1.28	3.81	1.87	18
19	0.940B	0.580B	0.476	2.32	11.7	2.88	2.80	3.48	2.29	1.22	3.48	1.808	19
20	0.900B	0.580B	0.472	3.07	10.7	2.81	2.48	3.88	2.22	1.18	3.88	1.738	20
21	0.880B	0.575B	0.520	4.27	9.88	2.73	2.38	3.72	2.16	1.18	3.88	1.708	21
22	0.820B	0.570B	0.573	4.71	9.17	2.77	2.26	5.16	2.06	1.14	3.41	1.728	22
23	0.780B	0.570B	0.550	4.89	8.75	2.81	2.07	5.33	1.98	1.10	3.38	1.808	23
24	0.780B	0.580B	0.597	5.38	8.88	2.48	1.90	5.00	1.81	1.18	3.38	1.808	24
25	0.770B	0.630B	0.678	5.88	8.31	2.24	1.74	4.84	1.84	1.28	3.27	2.008	25
26	0.800B	0.528B	0.748	5.78	8.30	2.31	1.82	4.84	1.77	1.38	3.04	2.088	26
27	0.840B	0.528B	0.784	7.83	8.45	2.75	1.48	4.51	1.71	1.88	2.87	2.138	27
28	0.870B	0.530B	0.788	8.83	8.14	2.83	1.38	4.18	1.88	1.88	2.88	2.18	28
29	0.820B		0.787	10.2	8.61	2.82	1.23	3.88	1.88	1.83	2.80	2.18	29
30	0.880B		0.746	12.4	8.04	3.28	1.18	3.70	1.84	1.80	2.72	2.11	30
31	0.900B		0.701		7.83		1.07	3.77		1.44		2.08	31
TOTAL	30.810	15.263	17.851	97.348	435.85	112.02	78.12	102.50	73.32	40.85	94.97	70.70	TOTAL
MEAN	0.987	0.545	0.576	3.24	13.7	3.73	2.56	3.31	2.46	1.32	3.17	2.28	MEAN
MAX	1.17	0.700	0.784	12.4	22.7	7.23	3.42	5.33	3.90	1.88	4.18	2.80	MAX
MIN	0.780	0.460	0.481	0.707	7.83	2.24	1.07	1.06	1.84	1.10	1.40	1.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.18
MAXIMUM DAILY, 22.7 ON MAY 11
MINIMUM DAILY, 0.460B ON FEB 5
MAXIMUM INSTANTANEOUS,
23.3 AT 08:19 PST ON MAY 11

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 35 31 N
LONG 120 12 01 W
DRAINAGE AREA, 643 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 640	JUL	6 840
FEB	1 320	AUG	8 860
MAR	1 840	SEP	6 380
APR	8 410	OCT	3 830
MAY	38 800	NOV	8 210
JUN	9 880	DEC	6 110

TOTAL DISCHARGE, 100 000 dam³

LEMON CREEK ABOVE SOUTH LEMON CREEK - STATION NO. 08NJ160

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.18 B	0.880B	0.828	1.12	7.45	18.8	8.87	2.82	2.82	1.72	2.16	2.48	1
2	1.14 B	0.878B	0.837	1.16	8.12	21.3	6.08	2.66	3.48	1.77	2.08	2.42	2
3	1.12	0.872B	0.818	1.11	8.76	21.8	7.17	2.63	3.26	1.73	2.04	2.48	3
4	1.08 B	0.888B	0.807	1.08	10.8	22.1	6.83	2.48	3.10	1.83	2.18	2.88	4
5	1.07 B	0.861B	0.821	1.16	12.2	23.7	6.66	2.39	3.08	1.88	1.98	2.83	5
6	1.08	0.820B	0.817	1.31	15.5	25.8	6.48	2.28	3.31	1.85	2.01	2.48	6
7	1.07	0.800B	0.811	1.66	20.3	25.8	6.34	2.26	3.14	1.81	2.04	2.38	7
8	1.06	0.840B	0.810	1.68	20.4	24.8	6.87	2.20	3.07	1.80	2.03	2.41	8
9	1.04 B	0.868B	0.818	1.66	20.6	23.2	6.44	2.02	3.04	1.47	3.26	2.36	9
10	1.02 B	0.870B	0.861	1.87	22.8	20.4	7.28	3.83	2.87	1.86	8.13	3.20	10
11	1.01 B	0.880B	1.01	1.74	22.4	18.8	8.88	2.38	2.77	1.88	5.88	2.08	11
12	1.03	0.880	1.10	1.87	18.8	20.8	8.78	2.18	2.82	1.82	4.62	2.17	12
13	1.08	0.884	1.13	2.38	15.3	21.0	8.88	2.38	2.87	2.07	4.10	2.12	13
14	1.03	0.842	1.08	2.87	13.7	23.3	8.87	2.12	2.48	2.08	3.88	2.04	14
15	1.02	0.818	1.01	3.71	12.8	24.8	8.81	2.86	2.41	1.73	3.88	1.88	15
16	1.07	0.804	0.987	3.71	12.8	22.1	8.48	2.58	2.28	1.85	3.84	1.82	16
17	1.08	0.871	0.842	3.83	12.2	18.0	4.74	2.88	2.27	1.82	3.34	1.82	17
18	1.04	0.886	0.813	3.84	12.2	16.8	4.38	2.28	2.27	1.88	3.21	1.85	18
19	1.02	0.872	0.838	4.24	10.8	14.1	4.22	2.81	2.17	1.88	3.20	1.84	19
20	1.02	0.878	0.837	4.80	10.0	12.3	4.34	2.81	2.10	1.71	3.28	1.84	20
21	1.01	0.871	0.881	8.48	9.57	11.0	4.18	3.28	2.03	1.83	3.28	1.78	21
22	1.00	0.878	0.869	8.88	9.33	11.8	3.87	3.82	2.00	2.38	2.88	1.77	22
23	1.01	0.883	0.01	8.06	9.84	11.8	3.48	3.31	1.93	2.81	2.89	1.78	23
24	1.03 B	0.882	1.03	8.71	8.98	11.7	3.40	2.90	1.88	3.74	2.93	1.77	24
25	1.04 B	0.868	1.07	8.41	8.40	11.7	3.23	3.23	1.85	3.87	2.85	1.77	25
26	1.07	0.881	1.10	8.18	8.81	13.2	3.18	3.34	1.83	2.71	2.74	1.73	26
27	0.898	0.883	1.18	4.88	8.78	11.8	3.06	3.81	1.80	2.83	2.70	1.71	27
28	0.887	0.830	1.27	4.88	8.83	9.82	3.03	3.30	1.78	2.43	2.68	1.86	28
29	0.884		1.26	8.37	8.30	9.20	2.90	3.09	1.73	2.28	2.88	1.83	29
30	1.00		1.22	8.18	9.39	8.36	2.78	2.82	1.88	2.27	2.83	1.83	30
31	0.884		1.18		11.7		2.78	2.82		2.18		1.88	31
TOTAL	32.384	25.803	30.884	103.18	350.80	529.88	187.38	84.88	74.48	61.80	82.40	62.87	TOTAL
MEAN	1.04	0.914	0.988	3.44	12.8	17.8	6.06	2.73	2.48	1.88	3.06	2.03	MEAN
MAX	1.18	0.880	1.27	8.88	22.8	25.8	8.87	3.82	3.86	3.74	8.13	3.86	MAX
MIN	0.887	0.830	0.807	1.08	7.45	8.20	2.78	2.12	1.88	1.47	1.88	1.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.80
MAXIMUM DAILY, 25.8 ON JUN 6
MINIMUM DAILY, 0.807 ON MAR 4
MAXIMUM INSTANTANEOUS,
29.4 AT 16:21 PST ON JUN 6

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 41 51 N
LONG 117 27 00 W
DRAINAGE AREA, 178 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 800	JUL	13 800
FEB	2 210	AUG	7 310
MAR	2 840	SEP	8 440
APR	6 810	OCT	6 320
MAY	33 700	NOV	7 080
JUN	46 400	DEC	6 430

TOTAL DISCHARGE, 142 000 dam³

LIARD RIVER ABOVE BEAVER RIVER - STATION NO. 10BE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5350	4800	3490	3550	2 350E	5 130	2 840A	1 780E	1 110E	887	7000	6780	1
2	5430	4630	3400	3850	2 800E	5 850	2 740E	1 760E	1 060E	856	7120	6750	2
3	5470	4620	3300	4250	2 800E	6 440	2 610E	1 740E	1 060E	851	7100	6700	3
4	5500	4600	3280	4750	3 100E	7 000E	2 820E	1 730E	1 040E	837	7000	6650	4
5	5450	4650	3200	5100	3 300E	6 000E	2 680E	1 650E	1 000E	818	6900	6650	5
6	5370	4500	3180	5750	3 500E	5 850A	2 780E	1 650E	929A	815	6750	6500	6
7	5280	4450	3170	6400	3 610E	5 520	2 650E	1 620E	821	978	6650	6470	7
8	5300	4370	3140	7100	3 710A	5 480	2 800	1 600E	821	884	6600	6370	8
9	5330	4400	3100	7800	3 620	5 400	2 810	1 580E	887	976	6570	6300	9
10	5430	4430	2980	8300	4 140	5 150	2 830	1 560E	886	972	6550	6200	10
11	5550	4420	2900	8100	4 380	5 010	2 810	1 530E	858	870	6500	6150	11
12	5600	4400	2690	1 0000	4 480	4 850	2 770	1 480E	838	871	6530	6200	12
13	5580	4200	2900	1 0800	4 280	4 870	2 780	1 490E	814	867	6570	6300	13
14	5550	4100	2910	1 1800	4 010	5 050	2 750	1 480E	786	857	6600	6280	14
15	5500	3900	2930	1 2100	3 810	5 330	2 750	1 440E	765	818	6580	6100	15
16	5450	3700	2870	1 2000	3 080	5 540	2 890E	1 400E	774	887	6780	5980	16
17	5400	3670	2850	1 2900	2 820	5 880	2 670E	1 370E	772	788	6650	5650	17
18	5360	3660	2680	1 4300	3 030	6 400	2 600E	1 350E	765	735	6820	5750	18
19	5400	3680	2680	1 4700	2 840	6 810	2 440E	1 330E	740	731	6950	5650	19
20	5370	3700	2900	1 5200	2 880	4 220	2 460E	1 320E	736	734	6870	6550	20
21	5300	3700	2680	1 5900	2 670	3 800	2 470E	1 310E	736	736	6800	6450	21
22	5120	3680	2680	1 6400	2 810	2 870	2 520E	1 330E	742	750	6700	6380	22
23	5000	3710	2900	1 7200	2 580	2 840A	2 630E	1 370L	776	745	6600	6280	23
24	4870	3700	2680	1 8200	2 580	2 830A	2 780E	1 400E	804	741	6500	6200	24
25	5000	3700	2650	1 9200	2 810	2 800A	2 820A	1 340E	857	740	6400	6230	25
26	5050	3680	2810	2 0700	2 880	2 870A	2 890	1 280E	1 020	7400	6370	6280	26
27	5030	3670	2780	2 1200	2 890	2 880A	2 850E	1 240E	1 050	7100	6430	6270	27
28	4950	3630	2620	2 2000	2 780	2 880	2 330E	1 200E	1 020	7020	6570	6280	28
29	4800		2950	2 3500	3 070	2 870A	2 180E	1 170E	987	7100	6700	6300	29
30	4700		3100	2 3000	3 560	2 880A	2 020E	1 150E	951	7200	6800	6150	30
31	4830		3300		4 250		1 870E	1 130E		6950		6080	31
TOTAL	16 323	11 400	9 328	37 885	100 250	136 480	81 890	44 880	25 878	26 196	20 140	18 291	TOTAL
MEAN	527	407	301	1 280	3 230	4 820	2 640	1 450	865	845	671	590	MEAN
MAX	560	483	340	2 350	4 480	7 000	2 930	1 780	1 110	984	712	678	MAX
MIN	483	383	270	385	2 350	2 800	1 870	1 130	736	695	637	506	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 480
MAXIMUM DAILY, 7 000E ON JUN 4
MINIMUM DAILY, 270E ON MAR 27

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 44 33 N
LONG 124 28 36 W
DRAINAGE AREA, 118 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 410 000	JUL	7 080 000
FEB	885 000	AUG	3 880 000
MAR	808 000	SEP	2 330 000
APR	3 270 000	OCT	2 260 000
MAY	8 680 000	NOV	1 740 000
JUN	12 000 000	DEC	1 580 000

TOTAL DISCHARGE, 46 000 000 dam³

LIARD RIVER ABOVE KECHIKA RIVER - STATION NO. 10BE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2670	2300	1720	1820	1 050E	3 210	1 140	704	447E	444	3000	2080	1
2	2740	2340	1680	1710	1 040E	3 380	1 100	693	442E	448	2950	2050	2
3	2770	2310	1630	1840	1 020E	3 330	1 070	681	438E	439	2920	2040	3
4	2700	2300	1610	2000	1 080E	3 170	1 070	669	435E	427	2880	2070	4
5	2710	2290	1680	2220	1 180E	2 140	1 080	651	428E	440	2850	2030	5
6	2640	2240	1640	2460	1 270E	2 380	1 060	639	420E	488	2800	2010	6
7	2620	2200	1620	2730	1 300E	2 440	997	627	410E	516	2730	1970	7
8	2610	2180	1630	2960	1 480A	2 380	974	628	408E	506	2880	1940	8
9	2630	2200	1640	3120	1 650	2 260	957	637	398A	502	2870	1910	9
10	2700	2210	1640	3300	1 720	2 120	942	632	393	506	2620	1860	10
11	2770	2190	1620	3600	1 840	2 050	937	633	388	511	2570	1870	11
12	2670	2160	1480	4060	1 810	2 010	953	632	382	516	2480	1900	12
13	2800	2090	1480	4280	1 700	1 980	928	598	378	511	2450	1910	13
14	2880	1970	1500	4600	1 630	1 980	908	577	370	498	2430	1920	14
15	2800	1890	1530	4900	1 480	2 030	891	561	366	477	2380	1880	15
16	2740	1870	1520	5200	1 420	2 180	873	546	358	433	2160	1870	16
17	2680	1880	1510	5400	1 470	2 200	860	543	356	395	2160	1840	17
18	2650	1880	1500	5650	1 800	1 970	808	534	355	373	2160	1810	18
19	2630	1900	1480	5850	1 640	1 720	778	519	354	3700	2200	1800	19
20	2640	1910	1470	6080	1 380	1 580	762	507A	361	3660	2180	1760	20
21	2630	1900	1460	6380	1 330	1 500	752	500E	364	3780	2190	1770	21
22	2680	1900	1440	6740	1 330	1 450	776	510E	370	3620	2140	1780	22
23	2660	1880	1430	7100	1 380	1 400	823	520E	385	3660	2080	1770	23
24	2600	1830	1400	7450	1 480	1 380	833	510E	390	3740	2040	1780	24
25	2620	1820	1390	7800	1 530	1 330	998	500E	426	3880	2000	1800	25
26	2660	1830	1390	8150	1 580	1 320	845	480E	467	3800	1960	1810	26
27	2670	1780	1380	8550	1 600	1 320	861	477E	463	3600	1880	1790	27
28	2620	1780	1400	8900	1 630	1 330	830	460E	437	3400	2010	1780	28
29	2430		1450	8900	1 580	1 270	788	467E	432	3210	2080	1790	29
30	2360		1490	8900	1 740	1 180	781	480E	437	3240	2070	1740	30
31	2310		1580		1 880		738	488E		3120		1720	31
TOTAL	8 184	5 702	4 888	15 423	45 510	55 930	28 282	17 588	12 082	13 083	7 102	5 804	TOTAL
MEAN	264	204	161	514	1 470	1 880	912	567	403	422	239	187	MEAN
MAX	280	234	172	880	1 880	2 440	1 140	704	467	516	300	206	MAX
MIN	231	178	138	182	1 030	1 180	738	488	361	312	186	172	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 901
MAXIMUM DAILY, 2 440 ON JUN 7
MINIMUM DAILY, 138E ON MAR 27
MAXIMUM INSTANTANEOUS,
2 470 AT 04:45 PST ON JUN 7

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 42 04 N
LONG 127 13 39 W
DRAINAGE AREA, 81 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	707 000	JUL	2 440 000
FEB	493 000	AUG	1 520 000
MAR	403 000	SEP	1 040 000
APR	1 330 000	OCT	1 130 000
MAY	3 830 000	NOV	621 000
JUN	4 830 000	DEC	501 000

TOTAL DISCHARGE, 18 900 000 dam³

LIARD RIVER AT LOWER CROSSING - STATION NO. 10BE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4550	3620	3210	2500	1 670B	3 460	1 670	1 260	850E	818	5350	4190	1
2	4500	3610	3170	2850	1 850B	3 770	1 610	1 250	840E	823	5400	4170	2
3	4550	3480	3140	3100	1 840B	3 700	1 780	1 260	835E	808	5500	4130	3
4	4530	3440	3140	3400	1 880B	3 480	1 810	1 250	820E	781	5400	4070	4
5	4580	3370	3130	3700	2 000	3 480	1 890	1 220	813E	768	5250	4000	5
6	4470	3300	3120	4050	2 380	3 620	1 880	1 190	785E	839	5180	3960	6
7	4450	3260	3060	4500	2 470	3 990	1 780	1 170	777E	877	5020	3900	7
8	4460	3250	3030	4800	2 580	3 770	1 730	1 180	785E	882	4870	3820	8
9	4500	3280	1870	5200	2 870	3 580	1 700	1 210	787A	853	4770	3770	9
10	4570	3250	1930	5850	2 930	3 480	1 840	1 190	745	853	4650	3700	10
11	4540	3240	1890	6000	3 080	3 330	1 810	1 160	727	855	4480	3880	11
12	4700	3050	1900	6450	2 940	3 280	1 820	1 170	713	856	4400	3980	12
13	4730	2820	1880	6900	2 730	3 280	1 810	1 170	701	848	4410	3740	13
14	4700	2680	1870	7200	2 500	3 380	1 570	1 150	693	834	4470	3670	14
15	4580	2620	1880	7850	2 300	3 550	1 540	1 110	684	808	4670	3620	15
16	4530	2630	1850	8000	2 220	3 750	1 520	1 080	685	782	4620	3560	16
17	4380	2650	1880	8400	2 340	3 540	1 480	1 070	682	875	4700	3620	17
18	4370	2640	1880	8500	2 380	3 080	1 400	1 080	673	838	4630	3500	18
19	4380	2630	1880	8050	2 300	2 720	1 380	1 030A	665	825	4650	3480	19
20	4340	2620	1880	9450	2 130	2 480	1 350	1 020E	661	8160	4770	3420	20
21	4250	2610	1880	1 0008	2 020	2 360	1 370	1 040A	658	8250	4630	3280	21
22	4100	2600	1880	1 040B	1 990	2 270	1 420	1 080E	677	8500	4400	3330	22
23	3960	2600	1880	1 080B	2 010	2 200	1 480	1 020E	731	8500	4200	3390	23
24	3920	2590	1840	1 150B	2 100	2 140	1 570	950E	781	8500	3950	3430	24
25	3930	2540	1830	1 220B	2 200	2 130	1 680	985E	853	8500	7800	3510	25
26	3940	2430	1820	1 300B	2 280	2 150	1 620	950E	853	8450	3840	3480	26
27	3900	2330	1810	1 360B	2 330	2 200	1 520	928E	877	8250	3800	3440	27
28	3800	2310	1480	1 420B	2 360	2 270	1 430	905E	843	8100	4060	3360	28
29	3880		1880	1 480B	2 430	2 140	1 380	840E	830	5900	4130	3280	29
30	3880		2060	1 670B	2 570	1 970	1 320	870E	822	5650	4180	3260	30
31	3540		2250		2 950		1 300	880E		5360		3200	31
TOTAL	13 340	8 127	8 071	24 385	72 080	80 710	48 880	33 728	22 857	22 629	13 886	11 280	TOTAL
MEAN	431	280	188	812	2 320	3 020	1 580	1 080	762	730	462	362	MEAN
MAX	473	362	226	1 670	3 080	3 880	1 880	1 280	883	877	550	418	MAX
MIN	384	231	181	380	1 850	1 970	1 300	860	859	838	380	320	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 010
MAXIMUM DAILY, 3 950 ON JUN 7
MINIMUM DAILY, 1818 ON MAR 27
MAXIMUM INSTANTANEOUS,
4 000 AT 02:58 PST ON JUN 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 24 45 N
LONG 126 05 50 W
DRAINAGE AREA, 104 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 150 000	JUL	4 230 000
FEB	702 000	AUG	2 810 000
MAR	535 000	SEP	1 970 000
APR	2 110 000	OCT	1 960 000
MAY	6 230 000	NOV	1 200 000
JUN	7 840 000	DEC	973 000

TOTAL DISCHARGE, 31 800 000 dam³

LILLOOET LAKE NEAR PEMBERTON - STATION NO. 08MG020

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	28.852	28.114	28.844A	28.886	28.307	28.949	28.810	27.080	28.353	28.890	28.314	28.207	1
2	28.844	28.105	28.833	28.883	28.445	27.417	28.598	27.180	28.293	28.772	28.283	28.208	2
3	28.846	28.085	28.827	28.889	28.543	27.786	28.583	27.140	28.238	28.644	28.219	28.246	3
4	28.884	28.014	28.827	28.887	28.598	27.900	28.611	27.008	28.188	28.588	28.222	28.715	4
5	28.884	28.988	28.834	28.902	28.850	27.981	28.690	28.887	28.200	28.487	28.237	28.834	5
6	28.848	28.973	28.840	28.021	28.734	28.084	28.606	28.884	28.137	28.448	28.233	28.807	6
7	28.824	28.881	28.831	28.072	28.888	28.022	28.434	28.885	28.108	28.428	28.227	28.832	7
8	28.897	28.946	28.827	28.118	27.026	27.910	28.444	28.888	28.188	28.424	28.213	28.768	8
9	28.879	28.933	28.833	28.139	27.117	27.781	28.444	28.842	28.211	28.418	28.382	28.885	9
10	28.879	28.926	28.864	28.181	27.127	27.844	28.470	28.834	28.132	28.471	28.708	28.806	10
11	28.870	28.918	28.875	28.185	27.027	27.879	28.588	28.835	28.081	28.883	28.886	28.822	11
12	28.877	28.910	28.912	28.187	28.802	27.877	28.715	28.480	28.024	28.881	28.880	28.468	12
13	28.908	28.903	28.948	28.268	28.871	27.775	28.684	28.380	28.083	28.827	28.381	28.389	13
14	28.913	28.900	28.966	28.338	28.408	27.978	28.887	28.383	28.103	28.448	28.103	28.382	14
15	28.918	28.893	28.881	28.478	28.348	28.018	27.108	28.388	28.100	28.383	28.803	28.304	15
16	28.909	28.883	28.882	28.808	28.358	27.732	27.117	28.304	28.081	28.288	28.788	28.277	16
17	28.922	28.872	28.884	28.885	28.438	27.387	27.024	28.382	28.012	28.216	28.646	28.248	17
18	28.934	28.886	28.946	28.883	28.472	27.103	28.820	28.484	28.881	28.418	28.844	28.207	18
19	28.948	28.858	28.937	28.884	28.385	28.844	28.628	28.835	28.717	28.942	28.486	28.184	19
20	28.934	28.863	28.926	28.720	28.213	28.832	28.811	28.739	28.620	28.933	28.823	28.184	20
21	28.928	28.851	28.918	28.861	28.081	28.471	28.788	28.808	28.575	28.881	28.887	28.134	21
22	28.923	28.885	28.911	28.000	28.361	28.709	28.843	28.887	28.788	28.883	28.124	28.103	22
23	28.910	28.878	28.921	28.887	28.844	28.482	28.807	28.815	28.880	28.788	28.804	28.103	23
24	28.888	28.878	28.924	28.802	28.903	28.788	28.840	28.826	28.728	28.830	28.483	28.048	24
25	28.873	28.877	28.927	28.781	28.887	27.083	28.488	28.821	28.788	28.847	28.422	28.082	25
26	28.870	28.871	28.918	28.788	28.884	27.374	28.849	28.487	28.808	28.784	28.378	28.088	26
27	28.887	28.888	28.926	28.785	28.887	27.388	28.885	28.422	28.828	28.717	28.333	28.081	27
28	28.883	28.852	28.948	28.844	28.901	27.109	28.741	28.372	28.838	28.818	28.300	28.048	28
29	28.888		28.961	28.948	28.981	28.821	28.723	28.333	28.884	28.818	28.287	28.038	29
30	28.888		28.970	28.113	28.128	28.823	28.730	28.308	28.801	28.838	28.238	28.020	30
31	28.833		28.881		28.488		28.885	28.344		28.388		28.007	31
MEAN	28.814	28.822	28.904	28.482	28.402	27.388	28.888	28.871	28.874	28.881	28.802	28.328	MEAN
MAX	28.833	28.114	28.881	28.113	27.127	28.084	27.117	27.180	28.283	28.842	28.888	28.834	MAX
MIN	28.883	28.881	28.827	28.888	28.884	28.381	28.434	28.304	28.575	28.218	28.213	28.007	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MEAN, 28.823
MAXIMUM DAILY, 28.084 ON JUN 6
MINIMUM DAILY, 24.827 ON MAR 3
MAXIMUM INSTANTANEOUS,
28.126 AT 13:57 PST ON JUN 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 15 10 N
LONG 122 39 30 W

A - MANUAL GAUGE

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 169.338 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

LILLOOET RIVER NEAR PEMBERTON - STATION NO. 08MG005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	22.4B	27.5B	17.0B	34.1	148	282	183	343	169	104	48.8	41.5	1
2	22.2B	25.5B	16.8B	33.3	148	320	170	286	160	78.8	48.5	49.0	2
3	22.0B	24.0B	16.8B	32.0	165	342	161	243	154	74.0	48.5	85.3	3
4	22.2B	22.6B	17.0B	31.6	185	343	162	246	157	75.2	55.6	102	4
5	21.6B	21.6B	17.5B	33.3	168	370	162	270	153	72.1	91.3	82.1	5
6	21.5B	20.5B	18.0B	38.4	178	372	164	272	140	77.4	80.4	68.9	6
7	21.0B	20.0B	18.5B	42.6	203	327	184	274	162	81.2	48.8	83.2	7
8	20.6B	19.3B	19.5B	41.9	214	321	185	288	178	78.5	48.0	83.3	8
9	20.2B	19.0B	20.5B	39.7	220	284	184	252	162	78.5	155 E	84.7	9
10	20.0B	18.6B	22.6B	38.6	210	280	185	209	132	114	300 E	81.7	10
11	20.2B	18.4B	24.3	42.4	172	312	208	188	133	86.2	147	46.0B	11
12	20.2B	18.2B	28.0	48.5	140	340	227	184	150	78.7	98.7	45.0B	12
13	20.0B	17.9B	29.0	54.0	127	358	254	188	160	87.7	78.5	44.0B	13
14	20.0B	17.8B	26.7	65.3	126	400	271	188	155	97.8	87.6	43.0B	14
15	20.0B	17.6B	26.3	78.7	137	332	276	181	148	82.3	68.6	42.0B	15
16	18.6B	17.7B	25.6	90.0E	148	264	285	177	135	48.2	57.3	41.2B	16
17	20.0B	17.8B	25.2	72.0E	164	220	227	211	102	48.4	53.8	40.0B	17
18	19.6B	17.8B	24.4	70.0E	148	187	218	234	80.0	198	51.6	39.5B	18
19	19.4B	17.7B	23.9	85.0E	135	158	216	250	77.5	142	58.9	38.0B	19
20	19.4B	17.8B	24.1	125 E	130 E	144	226	242	82.2	89.2	68.1	36.5B	20
21	19.6B	18.0B	24.7	101	100 E	141	208	258	95.1	81.6	80.7	36.0B	21
22	19.4B	18.0B	26.4	81.7	85.0E	148	191	233	113	81.3	62.6	37.5B	22
23	19.2B	17.8B	26.9	71.4	82.0E	213	167	180	128	81.6	63.7	36.5B	23
24	19.2B	17.6B	27.2	70.9	84.0E	266	161	176	124	91.2	51.5	36.0B	24
25	19.0B	17.5B	27.0	74.9	100 E	315	195	188	125	78.1	49.0	36.0B	25
26	19.0B	17.5B	26.2	81.9	105 E	337	221	188	134	76.2	46.5	36.5B	26
27	19.4B	17.5B	31.6	86.1	112 E	242	238	161	120	89.1	44.8	36.5B	27
28	19.6B	17.2B	33.7	89.6	135 E	186	228	171	132	89.6	44.2	35.8	28
29	21.5B		36.0	117	165 E	156	220	174	133	86.2	44.1	35.0	29
30	26.0B		34.1	137	190 E	185	243	173	139	83.6	42.8	34.9	30
31	27.2B		35.0		219		268	192		80.7		35.0	31
TOTAL	641.2	536.3	770.6	2 016.2	4 624.0	8 104	6 484	6 780	4 032.8	2 484.5	2 083.8	1 483.7	TOTAL
MEAN	20.7	19.2	24.8	67.2	149	270	209	218	134	80.1	88.5	47.9	MEAN
MAX	27.2	27.5	36.0	137	220	400	269	343	178	198	300	102	MAX
MIN	19.0	17.2	16.8	31.6	92.0	141	184	161	77.5	48.4	42.8	34.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 110
MAXIMUM DAILY, 400 ON JUN 14
MINIMUM DAILY, 16.8B ON MAR 2
MAXIMUM INSTANTANEOUS,
432 AT 08:12 PST ON JUN 14

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 20 08 N
LONG 122 47 58 W
DRAINAGE AREA, 2 160 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	55 400	JUL	551 000
FEB	48 500	AUG	584 000
MAR	66 500	SEP	348 000
APR	174 000	OCT	215 000
MAY	400 000	NOV	180 000
JUN	700 000	DEC	128 000

TOTAL DISCHARGE, 3 480 000 dam³

LIME CREEK NEAR THE MOUTH - STATION NO. 08DB010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.365E	0.670E	0.620E	0.585E	6.70E	3.93	3.00	0.792	0.400	1.94	1.61 A	0.480E	1
2	0.350E	0.780E	0.608E	0.595E	5.80E	3.84	2.09	0.764	0.394	1.82	1.84 A	1.30 E	2
3	0.338E	0.750E	0.498E	0.600E	5.35E	4.17	1.70	0.751	0.548	1.77	3.31 A	1.41 E	3
4	0.331E	0.700E	0.495E	0.820E	5.12E	4.42	1.61	1.28	1.68	2.93	2.85 A	1.19 E	4
5	0.322E	0.680E	0.500E	0.829E	5.03E	4.04	1.56	1.14	0.738	2.87	1.60 A	0.930E	5
6	0.311E	0.660E	0.508E	0.640E	5.00E	3.80	1.82	0.881	0.587	1.83	0.638A	0.700E	6
7	0.307E	0.643E	0.510E	0.852E	5.23E	3.43	1.61	0.803	0.606	3.30	0.880E	0.640E	7
8	0.301E	0.620E	0.512E	0.880E	5.20E	3.38	1.68	0.730	0.473	3.88	0.780E	0.635E	8
9	0.298E	0.600E	0.515E	0.875E	3.60E	3.36	1.63	0.716	0.436	4.11	0.700E	0.638E	9
10	0.298E	0.580E	0.518E	0.710E	3.18A	3.45	1.78	1.83	0.414	3.82	0.820E	0.638E	10
11	0.308E	0.575E	0.520E	0.750E	2.98	3.48	1.86	1.29	0.393	4.28	0.670E	0.638E	11
12	0.780E	0.572E	0.521E	0.820E	2.86	3.39	1.73	0.924	0.375	3.71	0.680E	0.880E	12
13	0.680E	0.563E	0.523E	0.870E	3.00	3.06	1.86	2.43	0.363	3.23	0.643E	0.700E	13
14	0.408E	0.563E	0.531E	1.00 E	3.67	3.13	1.44	1.87	0.359	2.85	0.635E	0.800E	14
15	0.380E	0.563E	0.536E	1.00 E	4.18	2.88	1.17	1.03	0.354	2.74A	0.630E	0.820E	15
16	0.381E	0.560E	0.535E	0.880E	3.76	2.36	1.06	0.784	0.383	1.85E	0.620E	0.800E	16
17	0.400E	0.560E	0.536E	0.870E	2.78	2.28	1.02	0.678	0.432	1.94E	0.840E	0.620E	17
18	0.420E	0.557E	0.540E	1.10 E	2.85	2.20	1.07	0.617	1.48	4.38E	0.80 E	0.600E	18
19	0.808E	0.555E	0.540E	1.80 E	2.89	1.91	1.78	0.588	2.78	3.60E	0.30 E	0.487E	19
20	0.900E	0.552E	0.540E	1.90 E	2.85	2.16	1.80	1.01	4.03	3.10E	0.900E	0.480E	20
21	0.480E	0.550E	0.540E	2.25 E	2.71	2.26	1.17	1.67	3.29	2.84E	0.630E	0.487E	21
22	0.420E	0.545E	0.542E	1.71 E	3.17	2.46	1.13	0.890	1.88	2.17E	0.510E	0.500E	22
23	0.378E	0.545E	0.545E	1.75 E	3.49	2.89	0.997	0.672	1.42	1.90E	0.480E	0.800E	23
24	0.330E	0.543E	0.550E	2.20 E	3.47	3.08	0.915	0.618	1.01	1.60E	0.470E	2.00 E	24
25	0.750E	0.542E	0.558E	2.50 E	3.38	2.28	0.873	0.884	0.783	1.70E	0.480E	5.00 E	25
26	1.75 E	0.540E	0.580E	3.18 E	3.44	1.38	0.847	0.909	0.708	1.61E	0.483E	5.80 E	26
27	2.75 E	0.540E	0.585E	4.40 E	3.80	1.31	0.885	0.675	0.685	1.56E	0.480E	4.00 E	27
28	2.00 E	0.530E	0.670E	5.40 E	3.85	1.60	0.898	0.653	1.83	1.48E	0.730E	2.80 E	28
29	1.63 E		0.673E	5.85 E	4.44	1.88	0.788	0.641	4.07	1.51E	0.670E	2.00 E	29
30	1.30 E		0.678E	6.80 E	4.30	1.80	0.767	8.427	2.87	1.60E	0.500E	0.850E	30
31	1.00 E		0.580E		4.25		0.783	0.608		1.84E		0.700E	31
TOTAL	20.704	18.883	18.887	83.288	124.48	85.26	42.492	28.114	35.420	78.04	38.887	39.783	TOTAL
MEAN	0.888	0.802	0.634	1.78	4.01	2.84	1.37	0.907	1.18	2.58	1.23	1.28	MEAN
MAX	2.78	0.870	0.880	6.80	6.70	4.42	3.00	2.43	4.07	4.38	8.80	6.00	MAX
MIN	0.298	0.530	0.495	0.885	2.85	1.31	0.767	0.608	0.354	1.48	0.483	0.480	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.58
MAXIMUM DAILY, 6.70E ON MAY 1
MINIMUM DAILY, 0.298E ON JAN 10

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 27 18 N
LONG 123 36 48 W
DRAINAGE AREA, 38.4 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 720	JUL	3 670
FEB	1 480	AUG	2 430
MAR	1 430	SEP	3 080
APR	4 800	OCT	6 630
MAY	10 600	NOV	3 170
JUN	7 370	DEC	3 440

TOTAL DISCHARGE, 50 100 dam³

LINDEMAN CREEK NEAR BENNETT - STATION NO. 08AA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.83	1.50A	1.05 E	0.750E	18.0	48.6	28.8	23.8	11.4	8.43	3.28	2.70	1
2	1.84	1.54A	1.03 E	0.770E	20.8	38.3	30.3	23.8	10.4	8.32	3.85	2.78	2
3	1.48	1.38A	1.00 E	0.780E	25.7	32.2	31.2	22.7	12.8	12.8	6.22	2.76	3
4	1.37	1.41A	0.975E	0.800E	29.7	36.3	29.1	22.0	16.7	14.0	10.8	2.66	4
5	1.28	1.39E	0.930E	0.810E	31.8	42.0	28.3	20.8	16.2	12.4	12.3	2.59	5
6	1.25	1.37E	0.900E	0.840E	33.7	37.6	28.0	20.4	15.1	10.8	11.0	2.64	6
7	1.24	1.35E	0.880E	0.870E	36.2	34.3	30.1	20.6	16.5	13.6	9.13	2.68	7
8	1.20	1.36E	0.850E	0.900E	37.4	32.4	30.9	18.5	17.0	17.6	7.45	2.38	8
9	1.17	1.33E	0.830E	0.850E	38.1	31.6	32.1	18.3	16.7	16.7	6.20	2.24	9
10	1.16	1.32E	0.800E	1.00 E	37.3	29.3	34.8	18.0	16.6	14.9	5.07	2.22	10
11	1.20	1.32E	0.810E	1.10 E	32.8	28.2	35.8	18.0	16.5	13.2	4.57	2.19	11
12	1.23	1.32E	0.815E	1.26 E	26.0	26.1	36.8	18.2	16.2	11.0	4.15	2.18	12
13	1.18	1.31E	0.820E	1.41 A	24.2	29.2	37.1	22.8	13.4	8.99	3.82	2.23	13
14	1.17	1.30E	0.825E	1.90 E	21.8	32.3	36.8	23.5	12.8	7.52	3.58	2.52	14
15	1.20	1.28E	0.820E	2.30 E	23.2	33.7	33.1	23.0	11.0	6.85	3.54	2.62	15
16	1.20	1.23E	0.810E	2.80 E	24.7	28.8	27.8	21.9	9.40	5.91	3.52	3.12	16
17	1.23	1.18E	0.800E	3.10 E	22.4	24.4	24.1	21.1	7.85	5.38	3.51	3.30	17
18	1.21	1.18E	0.780E	3.18 A	19.8	21.4	22.8	20.1	6.86	5.20	3.43	3.46	18
19	1.32	1.10E	0.760E	3.18	18.1	21.1	23.3	19.5	5.88	4.87	3.34	3.41	19
20	1.36	1.07E	0.775E	3.17	17.4	22.8	23.8	18.8	5.30	4.77	3.29	3.20	20
21	1.36	1.08E	0.780E	3.21	18.0	23.6	22.5	17.8	5.32	4.58	3.20	3.11	21
22	1.37	1.09E	0.770E	3.26	21.8	23.2	22.3	17.1	10.8	4.46	3.15	3.18	22
23	1.34	1.10E	0.785E	3.36	24.8	24.6	21.8	16.8	14.6	4.25	3.10	3.08	23
24	1.29	1.10E	0.780E	3.48	25.2	28.4	20.3	15.1	17.4	4.02	2.97	3.04	24
25	1.49	1.09E	0.730E	3.70	24.1	32.0	18.5	15.0	16.8	3.81	2.82	3.20	25
26	1.60A	1.08E	0.720E	4.13	23.5	28.9	17.6	15.1	15.5	3.58	2.68	3.81	26
27	1.55	1.07E	0.710E	4.88	25.4	28.2	17.8	15.0	15.8	3.47	2.88	4.82	27
28	1.76	1.06E	0.705E	5.15	30.8	28.0	16.6	14.8	14.1	3.37	2.84	5.03A	28
29	1.81		0.715E	5.23	34.0	26.9	20.0	14.8	12.8	3.28	2.88	5.00E	29
30	1.81		0.730E	11.4	42.3	28.3	21.0	14.4	10.8	3.28	2.83	4.90E	30
31	1.52		0.740E		48.8		22.7	13.2		3.19		4.70E	31
TOTAL	41.88	34.87	25.415	83.680	859.1	901.8	829.1	577.5	388.81	248.17	141.83	97.44	TOTAL
MEAN	1.34	1.25	0.820	2.79	27.7	30.1	26.7	18.6	12.8	7.94	4.72	3.14	MEAN
MAX	1.76	1.54	1.05	11.4	48.8	48.6	37.1	23.8	17.4	17.6	12.3	5.03	MAX
MIN	1.17	1.05	0.705	0.750	18.0	21.1	17.8	13.2	5.30	3.19	2.83	2.18	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.6
MAXIMUM DAILY, 48.8 ON MAY 31
MINIMUM DAILY, 0.705E ON MAR 26
MAXIMUM INSTANTANEOUS,
51.5 AT 05:05 PST ON JUN 1

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 50 16 N
LONG 135 00 50 W
DRAINAGE AREA, 240 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 600	JUL	71 600
FEB	3 010	AUG	49 800
MAR	2 200	SEP	33 400
APR	7 230	OCT	21 300
MAY	74 200	NOV	12 200
JUN	77 900	DEC	8 420

TOTAL DISCHARGE, 365 000 dam³

LINDEMAN LAKE NEAR BENNETT - STATION NO. 08AA003

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.873	0.885A	---	---	1.428	2.004	1.680	1.505	1.318	1.258	0.983	0.922	1
2	0.886	0.889A	---	---	1.527	1.842	1.710	1.502	1.288	1.254	1.008	0.936	2
3	0.881	0.888A	---	---	1.627	1.742	1.726	1.568	1.350	1.353	1.139	0.927	3
4	0.880	0.887A	---	---	1.700	1.810	1.668	1.585	1.420	1.380	1.282	0.918	4
5	0.862	---	---	---	1.732	1.902	1.676	1.525	1.408	1.340	1.338	0.914	5
6	0.838	---	---	---	1.768	1.835	1.667	1.524	1.407	1.285	1.308	0.911	6
7	0.837	---	---	---	1.810	1.777	1.706	1.531	1.438	1.268	1.248	0.905	7
8	0.831	---	---	---	1.828	1.748	1.721	1.488	1.450	1.462	1.183	0.898	8
9	0.828	---	---	---	1.855	1.732	1.767	1.434	1.443	1.446	1.141	0.888	9
10	0.830	---	---	---	1.827	1.893	1.784	1.404	1.438	1.403	1.088	0.883	10
11	0.833	---	---	---	1.783	1.873	1.803	1.426	1.438	1.358	1.055	0.881	11
12	0.838	---	---	---	1.670	1.872	1.818	1.488	1.408	1.304	1.027	0.880	12
13	0.831	---	---	0.810A	1.588	1.880	1.825	1.572	1.388	1.244	1.005	0.885	13
14	0.828	---	---	---	1.551	1.746	1.821	1.567	1.383	1.188	0.988	0.908	14
15	0.833	---	---	---	1.579	1.768	1.768	1.575	1.304	1.157	0.985	0.931	15
16	0.833	---	---	---	1.608	1.685	1.682	1.555	1.287	1.128	0.983	0.952	16
17	0.837	---	---	---	1.584	1.803	1.696	1.538	1.202	1.105	0.982	0.956	17
18	0.835	---	---	0.858A	1.508	1.845	1.672	1.517	1.161	1.088	0.977	0.976	18
19	0.836	---	---	0.857	1.476	1.838	1.682	1.508	1.127	1.081	0.988	0.975	19
20	0.841	---	---	0.857	1.458	1.888	1.667	1.480	1.102	1.088	0.988	0.958	20
21	0.843	---	---	0.880	1.473	1.867	1.688	1.488	1.103	1.088	0.980	0.952	21
22	0.842	---	---	0.883	1.582	1.880	1.882	1.452	1.291	1.048	0.988	0.956	22
23	0.840	---	---	0.871	1.610	1.807	1.882	1.422	1.448	1.034	0.952	0.950	23
24	0.848	---	---	0.881	1.618	1.893	1.821	1.407	1.458	1.018	0.942	0.948	24
25	0.884	---	---	0.887	1.887	1.738	1.484	1.404	1.438	1.004	0.938	0.988	25
26	0.874A	---	---	1.028	1.685	1.888	1.483	1.407	1.418	0.987	0.938	1.003	26
27	0.870	---	---	1.075	1.622	1.838	1.483	1.404	1.422	0.978	0.934	1.088	27
28	0.888	---	---	1.138	1.720	1.832	1.487	1.388	1.383	0.972	0.940	1.085A	28
29	0.878		---	1.220	1.773	1.848	1.517	1.388	1.348	0.983	0.935	---	29
30	0.878		---	1.313	1.807	1.878	1.538	1.380	1.303	0.984	0.932	---	30
31	0.887		---		2.020		1.570	1.380		0.988		---	31
MEAN	0.848	---	---	---	1.656	1.702	1.641	1.483	1.342	1.170	1.036	---	MEAN
MAX	0.889	---	---	---	2.020	2.004	1.825	1.588	1.458	1.483	1.338	---	MAX
MIN	0.829	---	---	---	1.426	1.639	1.483	1.380	1.102	0.958	0.932	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 2.020 ON MAY 31

MAXIMUM INSTANTANEOUS,
2.048 AT 05:05 PST ON JUN 1

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 662.585 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1950 ADJ.)

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 50 00 N
LONG 135 00 48 W

A - MANUAL GAUGE

NATURAL FLOW

LINE CREEK AT THE MOUTH - STATION NO. 08NK022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.430B	0.430B	0.478B	0.547E	2.36	4.30E	2.80E	1.32	1.48	0.918	0.814	0.783	1
2	0.428B	0.402B	0.480B	0.533E	3.07	5.20E	2.60E	1.32	1.70	0.897	0.801	0.738B	2
3	0.420B	0.380B	0.460B	0.518E	2.86	5.90E	2.48E	1.28	1.88	0.881	0.785	0.732B	3
4	0.418B	0.348B	0.428B	0.502E	2.76	6.80E	2.40E	1.24	1.90	0.886	0.820	0.774	4
5	0.420B	0.340B	0.430B	0.508E	3.16	8.00E	2.34E	1.21	1.87	0.857	0.811	0.782	5
6	0.422B	0.350B	0.460B	0.540E	4.74	10.0 E	2.30A	1.20	2.00	0.842	0.805	0.760	6
7	0.418B	0.380B	0.498B	0.570E	6.86	12.5 E	2.26	1.17	1.98	0.818	0.784	0.738	7
8	0.404B	0.428B	0.520B	0.580E	7.13	11.0 E	2.18	1.15	1.97	0.814	0.784	0.740	8
9	0.385B	0.438B	0.538B	0.580E	8.07	10.4 E	2.11	1.17	1.91	0.803	0.785	0.727	9
10	0.387B	0.440B	0.558B	0.587E	8.75	9.40E	2.48	1.14	1.84	0.807	1.05	0.722B	10
11	0.388B	0.440B	0.562B	0.570E	7.80	8.40E	2.41	1.08	1.75	0.808	1.18	0.718B	11
12	0.358B	0.440B	0.568B	0.577A	8.20	7.80E	2.24	1.06	1.65	0.829	1.22	0.706B	12
13	0.367B	0.440B	0.568B	0.548	8.17	7.00E	2.84	1.04	1.56	0.854	1.17	0.640B	13
14	0.380B	0.438B	0.560B	0.747	4.42	6.85E	3.30	1.02	1.50	0.886	1.10	0.652B	14
15	0.400E	0.440B	0.564B	0.877	4.20	6.78E	2.97	1.02	1.44	0.841	1.08	0.678B	15
16	0.420E	0.440B	0.532B	0.885	4.85	6.30E	3.06	0.901	1.39	0.818	1.02	0.708B	16
17	0.440E	0.440B	0.528B	0.886	4.94	5.80E	2.71	0.911	1.35	0.791	0.996	0.700B	17
18	0.442E	0.434B	0.540B	0.898	4.24	5.70E	2.44	0.926	1.32	0.789	0.992	0.680B	18
19	0.428A	0.440B	0.530B	1.24	3.88	4.80E	2.24	0.924	1.26	0.777	0.996	0.610B	19
20	0.420E	0.448B	0.532B	1.56	3.26	4.00E	2.20	0.934	1.22	0.841	0.991	0.672B	20
21	0.408E	0.460B	0.560E	2.18	3.16	3.80E	2.09	0.938	1.16	0.987	1.04	0.587B	21
22	0.398E	0.460B	0.556E	2.21	3.38A	3.18E	1.89	0.936	1.12	0.945	0.952	0.570B	22
23	0.378E	0.462B	0.550E	1.93	3.33E	3.27E	1.91	0.923	1.09	0.920	0.954	0.600B	23
24	0.370B	0.467B	0.555E	1.69	3.28E	3.38E	1.82	0.949	1.05	0.932	0.895	0.635B	24
25	0.380B	0.470B	0.558E	1.57	3.10E	3.30E	1.73	0.999	1.03	0.922	0.883	0.664B	25
26	0.340B	0.478B	0.568E	1.48	2.86E	3.18E	1.65	1.02	0.995	0.915	0.860B	0.668B	26
27	0.348B	0.478B	0.580E	1.38	2.84E	3.13E	1.63	1.18	0.970	0.913	0.840B	0.682B	27
28	0.370B	0.476B	0.580E	1.34	2.73E	3.09E	1.53	1.46	0.950	0.906	0.801	0.680B	28
29	0.400B		0.570E	1.42	2.72E	3.00E	1.44	1.56	0.933	0.886	0.798	0.672B	29
30	0.432B		0.558E	1.78	2.80E	2.92E	1.38	1.57	0.919	0.884	0.780B	0.678B	30
31	0.436B		0.556E		3.40E		1.34	1.53		0.838		0.688B	31
TOTAL	12.346	12.073	16.501	31.844	132.01	178.41	68.68	35.067	43.286	26.770	27.789	21.091	TOTAL
MEAN	0.398	0.431	0.532	1.06	4.26	5.95	2.21	1.13	1.44	0.864	0.926	0.680	MEAN
MAX	0.442	0.478	0.580	2.21	8.75	12.5	3.30	1.56	2.00	0.987	1.22	0.774	MAX
MIN	0.340	0.340	0.428	0.502	2.36	2.92	1.34	0.901	0.919	0.777	0.780	0.557	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.86
MAXIMUM DAILY, 12.5E ON JUN 7
MINIMUM DAILY, 0.340B ON JAN 26

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 28 N
LONG 114 50 00 W
DRAINAGE AREA, 138 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 070	JUL	5 930
FEB	1 040	AUG	3 030
MAR	1 430	SEP	3 740
APR	2 730	OCT	2 310
MAY	11 400	NOV	2 400
JUN	15 400	DEC	1 820

TOTAL DISCHARGE, 52 300 dam³

LINGFIELD CREEK NEAR THE MOUTH - STATION NO. 08NA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.061B	0.060B	0.058B	0.058	1.51	5.60	0.924	0.356	B.212	0.120E	0.139B	0.184B	1
2	0.060B	0.072B	0.058B	0.060	1.67	6.31	0.849	0.428	B.216	0.117E	0.155E	0.240B	2
3	0.060B	0.080B	0.059B	0.061	2.01	6.04	0.781	0.398	B.192	0.115E	0.178E	0.280B	3
4	0.058B	0.088B	0.061B	0.047	2.82	5.78	0.741	0.330	B.171	0.111E	0.206E	0.350B	4
5	0.058B	0.080B	0.065B	0.058	3.58	5.84	0.693	0.292	B.162	0.107E	0.188E	0.380B	5
6	0.055B	0.091B	0.068B	0.088	4.25	5.15	0.685	0.276	B.152	0.106E	0.176E	0.390B	6
7	0.064B	0.062B	0.068B	0.085	4.84	5.23	0.655	0.248	B.148	0.105E	0.170E	0.288B	7
8	0.064B	0.063B	0.064B	0.074B	5.41	3.96	0.623	0.222	B.144	0.104E	0.168E	0.249B	8
9	0.063B	0.064B	0.063B	0.078B	5.40	4.29	0.619	0.224	B.133	0.103E	0.180E	0.200B	9
10	0.063B	0.068B	0.061B	0.090B	4.49	3.66	1.09	0.203	B.121	0.102E	0.386E	0.168B	10
11	0.062B	0.068B	0.061B	0.120B	3.37	3.31	1.21	0.184	B.113	0.100E	B.390E	0.161B	11
12	0.063B	0.064B	0.063B	0.186B	2.74	3.43	1.00	0.180	B.112	0.098E	B.328E	0.164B	12
13	0.064B	0.063B	0.066B	0.230B	2.83	3.15	1.00	0.136	B.104	0.098E	B.260E	0.170B	13
14	0.065B	0.062B	0.063B	0.280B	2.64	2.78	0.889	0.184	B.096	0.098E	B.260E	0.171B	14
15	0.068B	0.060B	0.061B	0.380B	2.84	2.27	0.782	0.331	B.092	0.098E	B.228B	0.171B	15
16	0.064B	0.059B	0.057B	0.350B	3.25	1.74	0.703	1.09	B.110	B.107E	B.226B	0.170B	16
17	0.062B	0.066B	0.060B	0.385B	3.12	1.60	0.628	0.718	B.165	B.135E	B.230B	0.167B	17
18	0.060B	0.064B	0.059B	0.360B	2.65	1.28	0.591	0.574	B.164	B.180E	B.232B	0.146B	18
19	0.068B	0.059B	0.058B	0.461	2.04	1.13	0.547	0.456	B.141A	B.180E	B.237B	0.110B	19
20	0.050B	0.061B	0.060	0.461	1.81	1.03	0.520	0.432	B.136E	B.150E	B.236B	0.125B	20
21	0.048B	0.080B	0.058	0.494	1.62	1.05	B.488	0.451	B.130E	B.130E	B.226B	B.146B	21
22	0.047B	0.064B	0.064	0.525	1.52	1.26	B.429	0.398	B.122E	B.126E	B.216B	B.156B	22
23	0.046B	0.065B	0.060	0.502	1.50	1.24	B.395	0.331	B.118E	B.156E	B.210B	B.126B	23
24	0.047B	0.065B	0.060	0.480	1.59	1.40	B.380	0.298	B.112E	B.226E	B.206B	B.124B	24
25	0.045B	0.064B	0.058	0.452	1.71	1.53	B.359	0.276	B.113E	B.216E	B.200B	B.132B	25
26	0.048B	B.064B	0.058	0.468	1.65	1.44	0.362	0.271	0.121E	0.165E	0.189B	0.130B	26
27	0.047B	B.062B	0.058	0.468	1.62	1.11	0.356	0.241	0.132E	0.147E	0.196B	0.128B	27
28	0.047B	B.060B	0.058	0.540	2.13	1.03	0.346	0.226	0.131E	0.146E	0.184B	0.121B	28
29	0.048B		0.055	0.758	2.58	0.951	0.311	0.238	0.128E	0.142B	0.168B	0.118B	29
30	0.190B		0.056	1.15	3.62	0.860	0.306	0.227	0.123E	0.140B	0.184B	0.116B	30
31	0.116B		0.058		4.93		0.301	0.231		0.139B		0.117B	31
TOTAL	1.777	1.771	1.875	8.889	87.55	84.671	19.782	10.380	4.100	4.043	5.903	5.902	TOTAL
MEAN	0.057	0.063	0.060	0.322	2.82	2.82	0.638	0.335	0.137	0.130	0.220	0.181	MEAN
MAX	0.190	0.080	0.068	1.15	5.41	6.31	1.21	1.09	0.216	0.225	0.395	0.390	MAX
MIN	0.045	0.058	0.055	0.047	1.50	0.951	0.301	0.136	0.092	0.096	0.139	0.110	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.852
MAXIMUM DAILY, 6.31 ON JUN 2
MINIMUM DAILY, 0.045B ON JAN 29
MAXIMUM INSTANTANEOUS,
6.46 AT 21:35 PST ON MAY 8

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 40 35 N
LONG 124 06 32 W
DRAINAGE AREA, 88.4 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	154	JUL	1 710
FEB	163	AUG	888
MAR	182	SEP	984
APR	535	OCT	348
MAY	7 580	NOV	570
JUN	7 320	DEC	484

TOTAL DISCHARGE, 20 600 dam³

LITTLE BRIDGE CREEK ABOVE EXETER LAKE - STATION NO. 08LA029

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.027	0.024	0.018	0.014	0.018E	0.021E	0.076	---	1
2	---	---	---	---	0.030	0.021	0.018	0.048	0.018E	0.019	0.088E	---	2
3	---	---	---	---	0.027	0.021	0.017	0.026	0.017	0.018E	0.086	---	3
4	---	---	---	---	0.027	0.020	0.017	0.018	0.018E	0.020	0.100E	---	4
5	---	---	---	---	0.027	0.020	0.017	0.018	0.018	0.024E	0.080E	---	5
6	---	---	---	---	0.027	0.018	0.014	0.017	0.020E	0.020	0.063	---	6
7	---	---	---	---	0.028	0.018	0.018	0.018	0.021	0.018E	0.050E	---	7
8	---	---	---	---	0.027	0.018	0.014	0.018	0.022E	0.018E	0.070E	---	8
9	---	---	---	---	0.025	0.013	0.014	0.014	0.023E	0.020E	0.047	---	9
10	---	---	---	---	0.027	0.017	0.013	0.014	0.024E	0.026E	0.027	---	10
11	---	---	---	---	0.034	0.018	0.018	0.014	0.024	0.020	0.026E	---	11
12	---	---	---	---	0.033	0.017	0.018	0.014	0.022E	0.020E	0.026E	---	12
13	---	---	---	---	0.030	0.013	0.012	0.014	0.068	0.018	0.024E	---	13
14	---	---	---	---	0.028	0.018	0.018	0.014	0.018E	0.018E	0.024	---	14
15	---	---	---	---	0.027	0.018	0.017	0.017E	0.017E	0.018E	0.024	---	15
16	---	---	---	0.028	0.028	0.018	0.018	0.020	0.023E	0.018	---	---	16
17	---	---	---	0.027	0.033	0.017	0.018	0.018	0.022E	0.018E	---	---	17
18	---	---	---	0.027	0.033	0.018	0.018	0.018	0.021	0.018E	---	---	18
19	---	---	---	0.030	0.080	0.018	0.018	0.018	0.017	0.018	---	---	19
20	---	---	---	0.041	0.080	0.018	0.018	0.018	0.018	0.024	---	---	20
21	---	---	---	0.058	0.037	0.022	0.018E	0.042	0.020E	0.022E	---	---	21
22	---	---	---	0.039	0.030	0.018	0.018	0.032	0.024	0.020E	---	---	22
23	---	---	---	0.033	0.028	0.020	0.018	0.025	0.023E	0.019	---	---	23
24	---	---	---	0.030	0.027	0.020	0.018	0.021	0.021E	0.022E	---	---	24
25	---	---	---	0.030	0.027	0.018	0.018	0.018	0.018E	0.024	---	---	25
26	---	---	---	0.024	0.030	0.018	0.014	0.017	0.018E	0.084E	---	---	26
27	---	---	---	0.030	0.033	0.018	0.014	0.018	0.018	0.165	---	---	27
28	---	---	---	0.028	0.032	0.018	0.013	0.018	0.018E	0.137E	---	---	28
29	---		---	0.026	0.027	0.018	0.013	0.018	0.018	0.109E	---	---	29
30	---		---	0.027	0.027	0.018	0.011	0.018	0.018E	0.081	---	---	30
31	---		---		0.027		0.014	0.018		0.080E		---	31
TOTAL	---	---	---	---	0.883	0.537	0.473	0.586	0.632	1.174	---	---	TOTAL
MEAN	---	---	---	---	0.031	0.018	0.015	0.019	0.021	0.038	---	---	MEAN
MAX	---	---	---	---	0.080	0.024	0.018	0.048	0.085	0.165	---	---	MAX
MIN	---	---	---	---	0.025	0.013	0.011	0.014	0.016	0.018	---	---	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.165 ON OCT 27

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 39 53 N
LONG 121 23 30 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	40.5
FEB	---	AUG	51.7
MAR	---	SEP	64.5
APR	---	OCT	101
MAY	82.3	NOV	---
JUN	46.4	DEC	---

DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

E - ESTIMATED
NATURAL FLOW

LITTLE HORSEFLY RIVER ABOVE GRUMS LAKE - STATION NO. 08KH025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.40	3.38	7.59	5.59	4.61	4.20	2.00E	---	---	1
2	---	---	---	1.40	3.86	7.37	5.59	4.60	4.10	1.97E	---	---	2
3	---	---	---	1.38	3.98	7.37	5.48	4.61	4.10	1.84	---	---	3
4	---	---	---	1.42	4.13	7.90	5.37	4.72	4.00	---	---	---	4
5	---	---	---	1.40	4.90	7.23	5.37	4.72	3.90	---	---	---	5
6	---	---	---	1.42	4.86	7.14	5.37	4.72	3.80	---	---	---	6
7	---	---	---	1.42	4.87	7.26	5.26	4.61	3.70	---	---	---	7
8	---	---	---	1.43	5.77	7.38	5.26	4.60	3.60	---	---	---	8
9	---	---	---	1.46	5.97	7.14	5.15	4.49	3.50	---	---	---	9
10	---	---	---	1.45	6.06	7.03	5.15	4.20	3.40	---	---	---	10
11	---	---	---	1.43	6.41	7.14	5.15	4.20	3.34	---	---	---	11
12	---	---	---	1.46	6.65	7.14	5.15	4.20	3.40	---	---	---	12
13	---	---	---	1.43	7.08	7.03	5.15	4.30	3.20	---	---	---	13
14	---	---	---	1.46	7.08	7.03	5.15	4.20	3.10	---	---	---	14
15	---	---	---	1.52	6.86	7.38	5.15	4.30	3.00	---	---	---	15
16	---	---	---	1.54	6.77	7.38	5.15	4.30	2.70	---	---	---	16
17	---	---	---	1.50	6.38	7.47	5.15	4.30	2.80	---	---	---	17
18	---	---	---	1.54	6.44	7.38	5.15	4.30	2.80	---	---	---	18
19	---	---	---	1.56	6.68	7.47	5.15	4.20	2.80	---	---	---	19
20	---	---	---	1.77	6.45	7.38	5.15	4.20	2.80	---	---	---	20
21	---	---	---	1.80	6.45	7.28	5.81	4.30	2.43	---	---	---	21
22	---	---	---	2.06	6.66	7.03	5.71	4.30	2.42	---	---	---	22
23	---	---	---	2.18	6.57	7.03	5.60	4.30	2.34	---	---	---	23
24	---	---	---	2.28	6.68	6.92	5.60	4.30	2.34	---	---	---	24
25	---	---	---	2.48	7.35	6.92	5.49	4.30	2.28	---	---	---	25
26	---	---	---	2.56	7.35	6.81	5.27	4.30	2.18	---	---	---	26
27	---	---	---	2.61	7.67	7.03	5.15	4.20	2.18	---	---	---	27
28	---	---	---	2.86	7.35	7.03	4.94	4.20	2.18	---	---	---	28
29	---		1.39	3.01	7.38	6.92	4.83	4.30	2.10	---	---	---	29
30	---		1.38E	3.26	7.64	6.70	4.72	4.20	2.02	---	---	---	30
31	---		1.38E		7.68		4.61	4.20		---		---	31
TOTAL	---	---	---	64.70	192.81	216.33	162.03	134.75	88.86	---	---	---	TOTAL
MEAN	---	---	---	1.93	6.23	7.18	5.90	4.35	2.99	---	---	---	MEAN
MAX	---	---	---	3.26	7.68	7.90	5.59	4.72	4.20	---	---	---	MAX
MIN	---	---	---	1.38	3.38	6.70	4.61	4.20	2.02	---	---	---	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 7.68 ON MAY 31

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 21 58 N
LONG 121 21 19 W
DRAINAGE AREA, 418 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	15 200
FEB	---	AUG	11 800
MAR	---	SEP	7 740
APR	4 730	OCT	---
MAY	19 700	NOV	---
JUN	19 600	DEC	---

E - ESTIMATED
NATURAL FLOW

LITTLE QUALICUM RIVER AT OUTLET OF CAMERON LAKE - STATION NO. 08HB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.62	18.3	5.81	7.31	12.0	6.07	2.82	1.45	0.850	0.444	5.89	5.80	1
2	7.46	15.7	5.12	7.76	12.1	6.36	3.21	1.51	0.780	1.03	5.01	5.82	2
3	9.83	12.9	4.78	7.79	12.0	6.72	3.37	1.48	0.772	1.87	4.82	13.6	3
4	15.6	10.6	4.43	7.74	11.7	6.93	2.07	1.44	0.767	1.46	5.37	34.4	4
5	15.0	9.16	4.23	7.95	11.6	6.62	1.44	1.38	0.732	1.39	5.79	32.8	5
6	13.2	8.08	4.23	10.8	12.5	6.40	1.63	1.34	0.721	1.28	5.80	26.5	6
7	11.4	7.14	4.61	17.1	12.9	6.12	1.79	1.27	0.698	1.15	6.35	22.4	7
8	9.90	6.39	4.65	17.2	12.5	5.90	1.79	1.20	0.673	1.08	6.47	23.5	8
9	8.81	5.76	4.59	15.6	11.8	5.58	1.76	1.16	0.648	1.00	9.51	21.3	9
10	7.76	5.26	4.99	14.3	10.9	5.16	1.81	1.14	0.613	2.22	21.8	18.2	10
11	6.98	4.93	8.76	13.2	9.60	4.83	1.86	1.04	0.619	2.35	20.9	15.4	11
12	6.80	4.54	10.2	12.6	8.48	4.69	1.95	1.04	0.583	2.01	18.8	13.0	12
13	7.85	4.27	11.1	12.7	7.34	4.49	1.12	1.02	0.571	1.89	14.0	11.0	13
14	7.79	3.95	10.6	13.4	7.01	4.55	0.869	1.02	0.558	2.89	11.2	9.53	14
15	7.58	3.70	9.87	15.9	6.63	4.29	0.738	1.05	0.536	2.85	9.30	8.23	15
16	8.17	3.60	8.76	14.8	6.61	3.99	0.642	1.03	0.568	2.32	7.91	7.38	16
17	12.4	3.48	7.95	13.5	6.67	3.76	0.684	1.01	0.549	2.08	7.43	6.59	17
18	13.6	3.38	7.25	12.5	6.45	3.85	0.682	0.982	0.528	2.16	7.08	6.06	18
19	13.3	3.37	6.67	12.2	6.05	3.52	0.580	0.855	0.537	2.20	7.04	5.58	19
20	12.2	3.27	6.17	15.9	5.58	3.45	0.713	0.867	0.506	3.34	8.01	5.22	20
21	11.1	3.16	6.01	19.4	5.28	3.22	0.780	1.08	0.515	3.94	8.31	5.00	21
22	9.94	3.63	6.00	17.5	4.99	3.09	0.882	1.05	0.503	7.16	9.34	4.83	22
23	9.10	6.03	5.80	15.4	4.82	2.92	1.03	1.02	0.503	13.4	8.98	4.86	23
24	8.16	6.94	5.74	13.4	4.60	2.92	1.09	1.03	0.500	15.1	8.88	4.88	24
25	7.46	6.96	5.56	12.3	4.48	2.95	1.15	1.04	0.504	14.4	8.56	4.34	25
26	7.00	6.67	5.31	11.4	4.58	2.81	1.26	1.03	0.437	14.5	7.87	4.18	26
27	6.92	6.19	5.65	11.0	4.95	2.94	1.20	0.972	0.438	14.0	7.22	4.06	27
28	6.48	5.73	6.63	10.7	4.94	2.93	1.14	0.982	0.435	11.9	6.61	3.89	28
29	6.31		6.89	10.7	5.04	2.82	1.18	0.926	0.437	9.66	6.57	3.79	29
30	9.80		7.05	11.4	5.37	2.82	1.17	0.876	0.461	8.07	6.24	3.61	30
31	19.2		7.25		5.66		1.24	0.847		6.84		3.70	31
TOTAL	304.78	183.29	200.56	382.77	245.21	132.80	44.238	34.337	17.516	155.314	263.17	339.78	TOTAL
MEAN	9.83	6.55	6.47	12.8	7.91	4.42	1.43	1.11	0.584	5.01	8.77	11.0	MEAN
MAX	19.2	18.3	11.1	19.4	12.9	6.93	3.37	1.51	0.850	15.1	21.8	34.4	MAX
MIN	6.31	3.16	4.23	7.31	4.48	2.81	0.580	0.847	0.435	0.444	4.82	3.61	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.31
MAXIMUM DAILY, 34.4 ON DEC 4
MINIMUM DAILY, 0.435 ON SEP 28
MAXIMUM INSTANTANEOUS,
37.3 AT 14:07 PST ON DEC 4

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 27 N
LONG 124 35 00 W
DRAINAGE AREA, 135 km^2

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	26 300	JUL	3 820
FEB	15 800	AUG	2 970
MAR	17 300	SEP	1 510
APR	33 100	OCT	13 400
MAY	21 200	NOV	22 700
JUN	11 500	DEC	29 400

TOTAL DISCHARGE, 199 000 dam^3

LITTLE SWIFT RIVER AT THE MOUTH - STATION NO. 08KE024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.445B	0.452B	0.345B	0.323B	13.5	13.4 E	5.95	0.695	1.13	0.740	1.08	1.39 B	1
2	0.443B	0.440B	0.345B	0.327B	13.7	12.6 E	5.14	4.41	1.18	0.676	1.13	1.45 B	2
3	0.440B	0.428B	0.340B	0.329B	16.5	12.1 E	3.63	6.36	1.02	0.643	9.79	1.48 B	3
4	0.435B	0.415B	0.335B	0.330B	17.2	12.3 E	3.30	3.07	1.45	0.616	6.45	1.64 B	4
5	0.430B	0.410B	0.332B	0.333B	18.7 E	12.7 A	3.34	2.31	1.29	0.611	4.81	1.63 B	5
6	0.426B	0.405B	0.330B	0.338B	15.5 E	9.78	3.10	1.94	1.12	0.611	3.61	1.61 B	6
7	0.415B	0.402B	0.326B	0.345B	16.4 E	7.83	3.00	1.86	0.898	0.598	2.95	1.42 B	7
8	0.410B	0.400B	0.325B	0.356	17.5 E	6.94	2.86	1.50	0.885	0.574	2.94	1.43 B	8
9	0.407B	0.400B	0.322B	0.375	18.3 E	6.08	2.74	1.47	0.825	0.555	4.63	1.26 B	9
10	0.405B	0.400B	0.320B	0.419	18.0 E	6.38	2.66	1.41	0.783	0.697	6.23	1.08 B	10
11	0.402B	0.400B	0.319B	0.526	15.4 E	5.87	2.52	1.41	0.752	0.837	4.31	1.07 B	11
12	0.402B	0.398B	0.317B	0.689	13.3 E	5.46	2.57	1.22	0.714	0.760	2.76B	1.12 B	12
13	0.402B	0.398B	0.315B	0.854	12.1 E	5.46	2.17	1.11	0.687	0.780	2.45B	1.13 B	13
14	0.400B	0.398B	0.315B	1.12	11.2 E	5.63	2.04	1.12	0.680	0.754	2.19B	1.08 B	14
15	0.398B	0.395B	0.315B	1.38	10.8 E	4.77	2.27	1.17	0.641	0.725	2.06B	1.07 B	15
16	0.390B	0.390B	0.315B	1.57	10.4 E	3.65	2.42	1.17	0.627	0.657	1.93B	1.06 B	16
17	0.386B	0.385B	0.315B	1.77	11.2 E	3.30	1.89	1.05	0.624	0.623	1.81B	1.01 B	17
18	0.383B	0.380B	0.316B	1.88	13.8 E	3.89	1.73	1.51	0.612	1.14	2.08B	0.910B	18
19	0.380B	0.375B	0.319B	2.22	16.1 E	3.55	1.83	1.88	1.47	2.40	2.50B	0.830B	19
20	0.375B	0.370B	0.322B	3.65	13.2 E	4.46	1.39	1.48	1.59	1.51	2.14B	0.770B	20
21	0.367B	0.366B	0.324B	4.86	13.3 E	3.80	1.30	1.79	1.07	1.30	1.90B	0.780B	21
22	0.361B	0.367B	0.327B	4.38	11.7 E	2.65	1.35	2.59	0.887	1.21	1.73B	0.780B	22
23	0.358B	0.365B	0.327B	3.56	11.0 E	2.42	1.32	2.12	0.784	1.55	1.64B	0.770B	23
24	0.355B	0.362B	0.325B	3.06	10.5 E	2.22	1.47	1.84	0.726	1.57	1.56B	0.800B	24
25	0.354B	0.360B	0.322B	3.00	10.3 E	2.09	1.21	1.74	0.686	1.92	1.52B	0.865B	25
26	0.358B	0.356B	0.316B	3.95	10.1 E	2.66	1.06	1.48	0.651	1.83	1.46B	0.940B	26
27	0.376B	0.360B	0.315B	3.76	9.85E	2.59	1.03	1.26	0.626	1.60	1.45B	1.01 B	27
28	0.405B	0.345B	0.314B	4.71	9.85E	2.60	0.963	1.15	0.606	1.34	1.42B	0.900B	28
29	0.413B		0.315B	7.40	9.90E	2.27	0.900	1.09	0.593	1.23	1.38B	0.976B	29
30	0.422B		0.316B	12.0	11.0 E	2.39	0.852	1.08	0.721	1.22	1.38B	0.976B	30
31	0.460B		0.320B		12.1 E		0.919	1.08		1.16		0.940B	31
TOTAL	12.393	10.915	10.016	71.926	407.00	171.80	68.564	55.065	26.301	32.624	86.26	34.035	TOTAL
MEAN	0.400	0.390	0.323	2.38	13.1	5.73	2.21	1.78	0.880	1.05	2.88	1.10	MEAN
MAX	0.460	0.452	0.345	12.0	18.3	13.4	5.95	6.36	1.59	2.40	9.79	1.63	MAX
MIN	0.354	0.345	0.314	0.323	9.85	2.09	0.852	0.695	0.593	0.555	1.08	0.760	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.70
MAXIMUM DAILY, 18.38 ON MAY 9
MINIMUM DAILY, 0.314B ON MAR 28

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 55 07 N
LONG 121 45 42 W
DRAINAGE AREA, 133 km^2
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 070	JUL	5 930
FEB	943	AUG	4 760
MAR	865	SEP	2 280
APR	6 180	OCT	2 820
MAY	35 200	NOV	7 450
JUN	14 800	DEC	2 940

TOTAL DISCHARGE, 85 200 dam^3

LITTLE WEDZENE RIVER BELOW BOWBYES CREEK - STATION NO. 08FF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.488	7.80	7.198	9.78	50.8	48.1	26.8	8.77	5.01	8.20	10.8	45.1	1
2	7.288	7.84	7.138	9.65	58.7	46.2	21.3	8.57	4.85	8.00	21.8	154	2
3	7.188	7.44	7.088	9.69	48.3	50.1	22.7	7.87	5.43	8.01	56.8	83.8	3
4	7.138	7.308	7.088	9.67	40.2	58.8	18.8	9.13	5.17	8.58	27.8	86.4	4
5	6.838	7.208	7.028	9.59	44.4	51.5	17.3	8.54	4.91	8.89	17.0	40.8	5
6	6.628	7.008	7.008	9.61	73.0	39.8	18.9	7.78	4.77	8.88	14.7	26.1	6
7	6.798	6.858	7.008	9.40	61.1	38.5	16.4	7.51	4.84	10.1	17.1	25.8	7
8	6.618	6.708	6.998	9.38	55.8	38.9	17.6	7.28	4.83	18.8	28.7	23.3	8
9	6.588	6.808	6.888	9.38	47.5	36.5	21.2	7.48	4.84	23.1	24.9	20.8	9
10	7.208	6.478	8.998	9.86	32.3	37.3	28.5	7.31	4.48	14.3	22.2	19.3	10
11	8.908	8.388	8.888	10.5	25.9	43.0	25.8	7.11	4.28	21.1	14.0	18.6	11
12	6.708	8.258	8.888	11.3	23.3	41.7	22.3	6.88	4.28	16.5	11.4	18.2	12
13	8.21	8.208	8.868	11.4	22.2	84.0	22.5	7.05	4.23	18.3	11.1	18.1	13
14	7.84	8.108	8.898	18.8	27.1	46.1	18.0	8.74	4.27	13.2	10.8	18.0	14
15	7.44	8.068	7.008	18.0	35.2	31.2	15.1	8.82	4.24	10.8	10.8	17.8	15
16	7.38	8.028	7.008	13.5	36.8	28.5	14.4	8.53	4.33	10.5	14.1	17.2	16
17	7.38	8.008	7.12	13.2	37.8	21.7	18.7	8.52	4.34	89.0	28.5	16.7	17
18	7.28	8.008	7.17	14.6	34.3	22.8	14.2	8.40	4.41	84.8	134	16.4	18
19	9.01	8.008	7.18	18.8	24.4	18.4	13.2	8.26	5.10	81.7	38.8	15.8	19
20	11.4	8.008	7.22	21.3	21.3	20.5	12.1	8.28	5.28	41.7	18.5	15.7	20
21	7.93	8.028	7.33	27.4	18.2	28.1	10.8	7.90	5.19	24.1	14.5	14.8	21
22	7.47	8.108	7.41	20.8	20.8	27.8	10.7	8.86	5.28	18.4	12.8	28.2	22
23	7.44	8.208	7.74	21.1	24.4	37.2	10.2	8.60	5.23	13.4	11.8	66.8	23
24	7.38	8.408	8.00	28.7	27.5	40.5	10.2	8.72	5.14	12.1	11.0	81.7	24
25	7.88	7.868	8.03	30.7	27.3	39.7	9.88	8.66	5.23	12.8	10.7	87.3	25
26	28.3	7.488	8.42	38.5	27.5	25.5	9.78	8.49	5.27	14.3	10.5	78.3	26
27	14.9	7.368	8.48	35.3	30.5	17.5	11.4	8.44	5.30	11.7	24.2	40.7	27
28	18.0	7.228	8.61	33.4	40.9	20.3	9.74	8.36	5.43	10.8	77.4	27.1	28
29	9.78		8.59	42.2	52.8	21.8	8.90	8.31	5.63	15.5	80.7	26.1	29
30	8.20		8.83	53.2	58.1	23.5	8.87	8.39	5.36	12.8	62.8	25.8	30
31	7.90		9.69		56.3		9.03	8.15		10.8		31.3	31
TOTAL	276.28	166.89	236.35	584.18	1 187.3	1 052.3	493.78	259.11	150.74	572.96	833.6	1 183.5	TOTAL
MEAN	8.88	6.87	7.82	19.5	38.3	35.1	15.9	8.75	5.02	18.5	27.8	38.2	MEAN
MAX	28.3	7.80	9.81	53.2	73.0	58.8	28.5	9.13	5.63	89.0	134	154	MAX
MIN	6.58	6.00	6.98	9.38	18.2	17.5	8.00	8.15	4.23	8.00	10.5	14.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.1
MAXIMUM DAILY, 154 ON DEC 2
MINIMUM DAILY, 4.23 ON SEP 13
MAXIMUM INSTANTANEOUS,
219 AT 05:15 PST ON DEC 2

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 08 11 N
LONG 125 41 24 W
DRAINAGE AREA, 188 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	23 800	JUL	42 700
FEB	16 100	AUG	16 100
MAR	20 400	SEP	13 000
APR	50 500	OCT	49 500
MAY	103 000	NOV	72 000
JUN	90 900	DEC	102 000

TOTAL DISCHARGE, 602 000 dam³

LIUMCHEN CREEK NEAR THE MOUTH - STATION NO. 08NH157

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	6.93	8.07	2.02	0.718	0.823	0.353	1.07A	---	1
2	---	---	---	---	6.26	8.66	1.68	0.602	0.601	0.352	---	---	2
3	---	---	---	---	5.76	9.31	1.76	0.769	0.572	0.336	---	---	3
4	---	---	---	---	8.06	8.80	1.88	0.670	0.553	0.326	---	---	4
5	---	---	---	---	7.31	8.48	1.66	0.626	0.548	0.330	---	---	5
6	---	---	---	---	8.66	7.32	1.51	0.883	0.526	0.326	---	---	6
7	---	---	---	---	10.3	6.74	1.52	0.879	0.605	0.322	---	---	7
8	---	---	---	---	8.73	6.21	1.46	0.856	0.483	0.329	---	---	8
9	---	---	---	---	8.38	6.81	1.42	0.845	0.484	0.326	---	---	9
10	---	---	---	---	8.90	6.03	1.38	0.838	0.453	0.736	---	---	10
11	---	---	---	---	6.89	6.22	1.32	0.824	0.443	1.84	---	---	11
12	---	---	---	---	3.81	6.72	1.37	0.809	0.436	2.00	---	---	12
13	---	---	---	---	4.84	6.80	1.38	0.803	0.426	1.02	---	---	13
14	---	---	---	---	3.34	6.84	1.37	0.868	0.418	0.903	---	---	14
15	---	---	---	---	3.68	3.80	1.38	0.729	0.404	0.736	---	---	15
16	---	---	---	---	3.86	3.06	1.27	0.883	0.402	0.884A	---	---	16
17	---	---	---	---	4.07	2.74	1.19	0.869	0.417	0.826E	---	---	17
18	---	---	---	---	4.31	2.82	1.06	0.808	0.402	0.860E	---	---	18
19	---	---	---	---	3.66	3.33	1.01	0.867	0.386	0.794E	---	---	19
20	---	---	---	---	3.08	3.08	0.978	0.879	0.386	0.738E	---	---	20
21	---	---	---	---	3.78	3.49	0.905	2.17	0.384	2.14 E	---	---	21
22	---	---	---	---	3.58	3.39	0.880	1.91	0.373	2.16 E	---	---	22
23	---	---	---	---	2.62	2.87	0.836	1.16	0.398	2.02 E	---	---	23
24	---	---	---	---	3.36	3.01	0.784	0.888	0.382	2.01 E	---	---	24
25	---	---	---	---	3.69	3.16	0.760	0.882	0.388	1.93 E	---	---	25
26	---	---	---	4.34A	3.14	2.83	0.713	0.783	0.376	1.80 E	---	---	26
27	---	---	---	4.46	4.11	3.38	0.734	0.743	0.371	1.80 E	---	---	27
28	---	---	---	4.73	4.32	3.18	0.717	0.884	0.370	1.40 E	---	---	28
29	---		---	5.40	4.28	2.98	0.883	0.886	0.367	1.26 E	---	---	29
30	---		---	5.32	4.34	3.06	0.889	0.862	0.368	1.12 E	---	---	30
31	---		---		4.82		0.709	0.828		---		---	31
TOTAL	---	---	---	---	155.19	130.66	36.866	23.889	13.119	---	---	---	TOTAL
MEAN	---	---	---	---	5.01	4.36	1.19	0.770	0.437	---	---	---	MEAN
MAX	---	---	---	---	10.3	9.31	3.02	2.17	0.823	---	---	---	MAX
MIN	---	---	---	---	3.68	3.06	0.880	0.603	0.368	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.332 ON OCT 7

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 04 40 N
LONG 121 55 02 W
DRAINAGE AREA, 84.4 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 180
FEB	---	AUG	3 080
MAR	---	SEP	1 130
APR	---	OCT	---
MAY	13 400	NOV	---
JUN	11 300	DEC	---

LOCH KATRINE CREEK AT OUTLET OF GRAYSTOKE LAKE - STATION NO. 08NN229

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	3.77	0.805	0.884	0.524	0.002	0	0	1
2	0	0	0	0	0	3.85	0.808	0.848	0.518	0.002	0	0	2
3	0	0	0	0	0.001	3.70	0.804	0.838	0.511	0.002	0	0	3
4	0	0	0	0	0.001	3.58	0.801	0.824	0.502	0	0	0	4
5	0	0	0	0	0.002	3.85	0.823	0.810	0.488	0	0	0	5
6	0	0	0	0	0.003	3.80	0.883	0.787	0.989	0	0	0	6
7	0	0	0	0	0.003	3.38	0.859	0.787	1.12	0	0	0	7
8	0	0	0	0	0.003	3.01	0.887	0.777	0.926	0	0	0	8
9	0	0	0	0	0.003	3.01	0.853	0.784	0.781	0	0	0	9
10	0	0	0	0	0.003	2.82	0.845	0.748	0.884	0	0	0	10
11	0	0	0	0	0.002	2.16	0.841	0.737	0.384	0	0	0	11
12	0	0	0	0	0.003	1.76	0.836	0.731	0.170	0	0	0	12
13	0	0	0	0	0.003	1.73	0.824	0.707	0.101	0	0	0	13
14	0	0	0	0	0.002	2.52	0.822	0.884	0.078	0	0	0	14
15	0	0	0	0	0.373	4.08	0.815	0.979	0.089	0	0	0	15
16	0	0	0	0	0.724	3.38	0.808	0.889	0.089	0	0	0	16
17	0	0	0	0	0.516	1.44	0.802	0.858	0.088	0	0	0	17
18	0	0	0	0	0.588	1.08	0.798	0.848	0.083	0	0	0	18
19	0	0	0	0	0.782	1.01	0.783	0.841	0.078	0	0	0	19
20	0	0	0	0	0.878	0.913	0.788	0.832	0.074	0	0	0	20
21	0	0	0	0	0.482	0.808	0.788	0.832	0.038	0	0	0	21
22	0	0	0	0	0.486	0.814	0.782	0.814	0.015	0	0	0	22
23	0	0	0	0	0.528	0.818	0.777	0.806	0.003	0	0	0	23
24	0	0	0	0	0.513	0.818	0.848	0.888	0.002	0	0	0	24
25	0	0	0	0	0.401	0.833	0.844	0.887	0.002	0	0	0	25
26	0	0	0	0	0.455	0.823	0.835	0.878	0.002	0	0	0	26
27	0	0	0	0	0.550	0.815	0.835	0.871	0.002	0	0	0	27
28	0	0	0	0	0.707	0.807	0.818	0.858	0.002	0	0	0	28
29	0		0	0	0.882	0.812	0.806	0.848	0.002	0	0	0	29
30	0		0	0	1.23	0.808	0.887	0.838	0.002	0	0	0	30
31	0		0		1.86		0.883	0.833		0		0	31
TOTAL	0	0	0	0	12.417	80.805	26.035	2.195	8.137	0.008	0	0	TOTAL
MEAN	0	0	0	0	0.401	3.02	0.840	0.[illegible]	0.271	0	0	0	MEAN
MAX	0	0	0	0	1.86	4.08	0.844	0.884	1.12	0.002	0	0	MAX
MIN	0	0	0	0	0	0.808	0.777	0.833	0.002	0	0	0	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.352
MAXIMUM DAILY, 4.08 ON JUN 15
MINIMUM DAILY, 0 ON JAN 1
MAXIMUM INSTANTANEOUS,
5.83 AT 02:35 PST ON JUN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 58 09 N
LONG 116 52 15 W
DRAINAGE AREA, 18.1 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	2 350
FEB	0	AUG	1 630
MAR	0	SEP	702
APR	0	OCT	0.02
MAY	1 070	NOV	0
JUN	6 230	DEC	0

TOTAL DISCHARGE, 11 100 dam³

LOFTUS CREEK AT MALAKWA - STATION NO. 08LE110

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.175E	1.30	1.88	0.888	0.344	0.480	---	---	---	1
2	---	---	---	0.178E	1.34	1.83	0.878	0.847	0.883	---	---	---	2
3	---	---	---	0.183A	1.38	1.88	0.801	0.788	0.802	---	---	---	3
4	---	---	---	0.185	1.42	1.81	0.778	0.488	0.832	---	---	---	4
5	---	---	---	0.201	1.82	2.15	0.725	0.428	0.827	---	---	---	5
6	---	---	---	0.285	1.90	2.33	0.888	0.395	0.800	---	---	---	6
7	---	---	---	0.280	2.06	2.34	0.885	0.381	0.482	---	---	---	7
8	---	---	---	0.288	2.06	2.32	0.891	0.381	0.481	---	---	---	8
9	---	---	---	0.281	2.21	2.17	0.832	0.367	0.447	---	---	---	9
10	---	---	---	0.288	2.80	2.08	0.817	0.338	0.438	---	---	---	10
11	---	---	---	0.282	2.03	1.87	0.806	0.308	0.427	---	---	---	11
12	---	---	---	0.268	1.70	1.81	0.873	0.310	0.403	---	---	---	12
13	---	---	---	0.481	1.64	1.81	0.885	0.308	0.398	---	---	---	13
14	---	---	---	0.887	1.34	2.38	0.840	0.338	0.387	---	---	---	14
15	---	---	---	0.788	1.28	2.15	0.858	0.427	0.381	---	---	---	15
16	---	---	---	0.885	1.34	1.87	0.878	0.803	0.408	---	---	---	16
17	---	---	---	0.809	1.35	1.88	0.885	0.484	0.378	---	---	---	17
18	---	---	---	0.801	1.32	1.86	0.839	0.403	0.388	---	---	---	18
19	---	---	---	0.738	1.28	1.80	0.801	0.411	0.385	---	---	---	19
20	---	---	---	0.882	1.18	1.81	0.488	0.388	0.339	---	---	---	20
21	---	---	---	0.818	1.08	1.38	0.458	0.443	0.334	---	---	---	21
22	---	---	---	0.782	1.08	1.30	0.434	0.414	0.328	---	---	---	22
23	---	---	---	0.882	1.16	1.24	0.418	0.857	0.314	---	---	---	23
24	---	---	---	0.883	1.18	1.18	0.408	0.818	0.310	---	---	---	24
25	---	---	---	0.891	1.18	1.14	0.382	0.488	0.304	---	---	---	25
26	---	---	---	0.978	1.18	1.11	0.388	0.488	0.287	---	---	---	26
27	---	---	---	0.884	1.18	1.03	0.385	0.472	0.308A	---	---	---	27
28	---	---	---	0.778	1.18	0.972	0.385	0.488	0.304E	---	---	---	28
29	---		---	0.824	1.18	0.881	0.388	0.446	0.302E	---	---	---	29
30	---		---	1.10	1.28	0.887	0.348	0.428	0.300E	---	---	---	30
31	---		---		1.48		0.348	0.482		---		---	31
TOTAL	---	---	---	18.008	44.91	50.290	17.380	13.888	11.841	---	---	---	TOTAL
MEAN	---	---	---	0.834	1.45	1.88	0.880	0.441	0.388	---	---	---	MEAN
MAX	---	---	---	1.10	2.80	2.38	0.858	0.788	0.883	---	---	---	MAX
MIN	---	---	---	0.178	1.08	0.881	0.348	0.308	0.287	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 2.80 ON MAY 10

MAXIMUM INSTANTANEOUS,
2.76 AT 10:42 PST ON MAY 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 55 08 N
LONG 116 46 21 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 800
FEB	---	AUG	1 180
MAR	---	SEP	1 030
APR	1 380	OCT	---
MAY	3 880	NOV	---
JUN	4 350	DEC	---

LOON CREEK ABOVE LOON LAKE - STATION NO. 08LF088

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0.0028	0.013	0.010	0.060	0.007	0.004	0.053E	0.005	0.004	0.007	1
2	0	0	0.0018	0.013	0.010	0.018	0.008	0.011	0.055E	0.005	0.004	0.008	2
3	0	0	0.0028	0.014	0.010	0.018	0.008	0.007	0.008	0.005	0.006	0.007	3
4	0	0	0.0038	0.014	0.010	0.009	0.007	0.005	0.008	0.005	0.007	0.008	4
5	0	0	0.0058	0.013	0.010	0.008	0.007	0.005	0.008	0.005	0.007	0.008	5
6	0	0	0.0068	0.021	0.008	0.007	0.006	0.004	0.007	0.004	0.012	0.008	6
7	0	0	0.0068	0.027	0.008	0.017	0.007	0.003	0.007	0.004	0.011	0.008	7
8	0	0	0.0068	0.023	0.008	0.013	0.007	0.003	0.006	0.004	0.010	0.008	8
9	0	0	0.0068	0.023	0.008	0.012	0.007	0.003	0.006	0.004	0.010	0.008A	9
10	0	0	0.0118	0.023	0.008	0.009	0.050E	0.002	0.005	0.006	0.010	0.008E	10
11	0	0	0.0208	0.025	0.010	0.008	0.014	0.002	0.004	0.005	0.011	0.007E	11
12	0	0	0.0218	0.026	0.011	0.008	0.011	0.002	0.004	0.005	0.010	0.007E	12
13	0	0	0.0208	0.025	0.010	0.008	0.009	0.002	0.004	0.006	0.008	0.007E	13
14	0	0	0.0198	0.027	0.007	0.010	0.009	0.002	0.004	0.005	0.008	0.008E	14
15	0	0	0.0188	0.023	0.008	0.010	0.008	0.003	0.004	0.006	0.007	0.008E	15
16	0	0	0.0178	0.020	0.008	0.012	0.008	0.004	0.005	0.005	0.007	0.008E	16
17	0	0	0.0188	0.012	0.011	0.013	0.007	0.003	0.005	0.006	0.008	0.008E	17
18	0	0	0.0188	0.013	0.010	0.008	0.007	0.002	0.004	0.006	0.007	0.008E	18
19	0	0	0.0178	0.018	0.014	0.008	0.007	0.002	0.004	0.005	0.008	0.008E	19
20	0	0	0.0188	0.026	0.011	0.008	0.006	0.002	0.004	0.005	0.008	0.008E	20
21	0	0.0018	0.019A	0.023	0.009	0.010	0.006	0.003	0.004	0.005	0.008	0.008E	21
22	0	0.0028	0.019	0.017	0.008	0.011	0.006	0.002	0.004	0.006	0.006	0.007E	22
23	0	0.0038	0.019	0.014	0.008	0.010	0.006	0.003	0.004	0.006	0.008	0.007E	23
24	0	0.0048	0.019	0.011	0.012	0.010	0.005	0.003	0.004	0.008	0.007	0.008E	24
25	0	0.0048	0.017	0.011	0.018	0.008	0.008	0.003	0.005	0.005	0.007	0.008E	25
26	0	0.0038	0.018	0.010	0.024	0.008	0.006	0.004	0.005	0.005	0.007	0.008E	26
27	0	0.0038	0.020	0.011	0.017	0.011	0.006	0.003	0.005	0.005	0.006	0.008E	27
28	0	0.0038	0.017	0.010	0.018	0.008	0.005	0.003	0.005	0.006	0.007	0.008E	28
29	0		0.018	0.010	0.066	0.008	0.005	0.003	0.005	0.005	0.007	0.008E	29
30	0		0.018	0.010	0.078	0.008	0.004	0.003	0.005	0.005	0.007	0.008E	30
31	0		0.014		0.084		0.004	0.005		0.004		0.008E	31
TOTAL	0	0.023	0.430	0.526	0.516	0.351	0.259	0.108	0.201	0.156	0.238	0.238	TOTAL
MEAN	0	0.001	0.014	0.018	0.017	0.012	0.008	0.003	0.008	0.005	0.008	0.008	MEAN
MAX	0	0.004	0.021	0.027	0.078	0.060	0.050	0.011	0.055	0.005	0.012	0.008	MAX
MIN	0	0	0.001	0.010	0.007	0.007	0.004	0.002	0.004	0.004	0.004	0.008	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.008
MAXIMUM DAILY, 0.078 ON MAY 30
MINIMUM DAILY, 0 ON JAN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 09 51 N
LONG 121 08 11 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	22.4
FEB	1.88	AUG	9.18
MAR	37.2	SEP	23.6
APR	45.4	OCT	13.5
MAY	44.6	NOV	20.4
JUN	30.3	DEC	20.4

TOTAL DISCHARGE, 268 dam³

LOON CREEK NEAR THE MOUTH - STATION NO. 08LF071

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.037	0.0288	0.0488	0.084	0.065	0.182	0.042	0.012	0.037	0.035	0.042	0.051	1
2	0.038	0.0308	0.0488	0.085	0.061	0.143	0.033	0.033	0.038	0.033	0.044	0.051	2
3	0.036	0.0328	0.0388	0.085	0.068	0.110	0.028	0.014	0.033	0.022	0.045	0.054	3
4	0.038	0.0278	0.0358	0.085	0.085	0.088	0.030	0.010	0.033	0.031	0.047	0.054	4
5	0.044	0.0388	0.0318	0.087	0.089	0.078	0.029	0.008	0.032	0.042	0.048	0.056	5
6	0.039	0.0408	0.0308	0.087	0.081	0.086	0.026	0.013	0.032	0.042	0.048	0.056	6
7	0.035	0.0408	0.0318	0.088	0.080	0.081	0.027	0.010	0.032	0.043	0.050	0.056	7
8	0.036	0.0418	0.0328	0.087	0.085	0.088	0.026	0.010	0.032	0.042	0.051	0.057	8
9	0.038	0.0428	0.0368	0.087	0.088	0.096	0.024	0.013	0.031	0.041	0.052	0.056	9
10	0.034	0.0418	0.0328	0.086	0.085	0.097	0.027	0.020	0.031	0.043	0.054	0.057	10
11	0.037	0.0408	0.0348	0.085	0.088	0.092	0.034	0.018	0.030	0.042	0.054	0.058	11
12	0.043	0.0428	0.0388	0.087	0.084	0.048	0.030	0.016	0.029	0.042	0.054	0.056	12
13	0.043	0.0418	0.0348	0.087	0.089	0.049	0.025	0.014	0.024	0.042	0.055	0.057	13
14	0.039	0.0418	0.065	0.088	0.081	0.050	0.018	0.018	0.024	0.042	0.058	0.058	14
15	0.041	0.0428	0.083	0.088	0.104	0.050	0.017	0.022	0.022	0.041	0.058	0.058	15
16	0.040	0.0418	0.080	0.084	0.104	0.053	0.023	0.033	0.023	0.041	0.052	0.054	16
17	0.041	0.0408	0.057	0.092	0.096	0.053	0.022	0.034	0.026	0.041	0.054	0.054	17
18	0.048	0.0378	0.058	0.107	0.105	0.053	0.022	0.028	0.026	0.040	0.053	0.054	18
19	0.044	0.0368	0.055	0.119	0.048	0.047	0.017	0.028	0.028	0.040	0.053	0.054	19
20	0.044	0.0378	0.054	0.136	0.120	0.047	0.018	0.031	0.030	0.040	0.051	0.054	20
21	0.043	0.0348	0.055	0.152	0.113	0.047	0.018	0.031	0.030	0.040	0.051	0.053	21
22	0.042	0.0368	0.055	0.139	0.116	0.053	0.018	0.032	0.029	0.040	0.053	0.052	22
23	0.040	0.0388	0.054	0.117	0.116	0.044	0.018	0.030	0.025	0.041	0.054	0.052	23
24	0.038	0.0438	0.054	0.104	0.136	0.035	0.018	0.030	0.024	0.043	0.053	0.052	24
25	0.036	0.0468	0.055	0.083	0.184	0.037	0.011	0.034	0.024	0.041	0.052	0.052	25
26	0.037	0.0448	0.055	0.087	0.190	0.048	0.011	0.035	0.023	0.041	0.054	0.051	26
27	0.0368	0.0468	0.055	0.088	0.194	0.042A	0.011	0.038	0.028	0.041	0.053	0.054	27
28	0.0368	0.0458	0.055	0.089	0.271	0.044	0.008	0.037	0.027	0.042	0.053	0.056	28
29	0.0348		0.054	0.092	0.267	0.043	0.009	0.035	0.026	0.042	0.053	0.054	29
30	0.0488		0.055	0.084	0.223	0.043	0.010	0.033	0.028	0.042	0.052	0.054	30
31	0.0308		0.054		0.243		0.007	0.035		0.042		0.057	31
TOTAL	1.220	1.088	1.593	2.444	3.606	1.839	0.695	0.742	0.848	1.218	1.646	1.691	TOTAL
MEAN	0.039	0.039	0.051	0.081	0.116	0.061	0.021	0.024	0.028	0.039	0.053	0.055	MEAN
MAX	0.048	0.048	0.088	0.183	0.271	0.183	0.042	0.037	0.037	0.043	0.058	0.058	MAX
MIN	0.030	0.028	0.030	0.084	0.068	0.035	0.007	0.008	0.022	0.022	0.043	0.051	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.061
MAXIMUM DAILY, 0.271 ON MAY 26
MINIMUM DAILY, 0.007 ON JUL 31
MAXIMUM INSTANTANEOUS,
0.320 AT 10:26 PST ON MAY 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 03 10 N
LONG 121 26 27 W
DRAINAGE AREA, 478 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	105	JUL	59.6
FEB	84.8	AUG	64.1
MAR	138	SEP	73.3
APR	211	OCT	105
MAY	312	NOV	134
JUN	159	DEC	146

TOTAL DISCHARGE, 1 800 dam³

LOUIS CREEK ABOVE MCGILLIVRAY CREEK - STATION NO. 08LB081

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.132B	0.106B	0.102B	0.154	1.86	0.855	0.517	0.322	0.417	0.287	0.288	0.240	1
2	0.146B	0.084B	0.101B	0.156	1.57	0.780	0.423	0.328	0.406	0.264	0.286	0.250	2
3	0.151B	0.087B	0.102B	0.148	1.47	0.716	0.386	0.329	0.406	0.285	0.285	0.275	3
4	0.155B	0.080B	0.103B	0.145	1.21	0.585	0.369	0.307	0.374	0.258	0.292	0.284	4
5	0.154B	0.083B	0.105B	0.161	1.16	0.542	0.346	0.288	0.373	0.264	0.288	0.284	5
6	0.155B	0.100B	0.109B	0.210	1.11	0.509	0.326	0.273	0.346	0.255	0.356	0.278	6
7	0.152B	0.105B	0.110B	0.180	1.07	0.464	0.311	0.264	0.319	0.254	0.327	0.267	7
8	0.146B	0.110B	0.116B	0.170	0.911	0.421	0.306	0.238	0.304	0.294	0.301	0.283	8
9	0.135B	0.113B	0.122B	0.153	0.855	0.408	0.288	0.244	0.287	0.288	0.286	0.287	9
10	0.135B	0.114B	0.130B	0.150	0.887	0.404	0.283	0.230	0.285	0.280	0.288	0.250	10
11	0.126B	0.115B	0.131B	0.158	1.02	0.376	0.326	0.222	0.280	0.283	0.382	0.218	11
12	0.130B	0.114B	0.132B	0.171	0.814	0.355	0.308	0.217	0.264	0.285	0.339	0.236	12
13	0.136B	0.113B	0.135B	0.177	0.769	0.342	0.289	0.221	0.275	0.287	0.312	0.237	13
14	0.144B	0.114B	0.145B	0.216	0.716	0.368	0.312	0.240	0.280	0.296	0.300	0.237	14
15	0.148B	0.118B	0.156	0.285	0.619	0.384	0.748	0.303	0.285	0.287	0.289	0.245	15
16	0.150B	0.118B	0.125	0.343	0.621	0.453	0.524	0.424	0.257	0.276	0.250	0.240	16
17	0.150B	0.120B	0.125	0.337	0.852	0.436	0.388	0.437	0.267	0.273	0.248	0.238	17
18	0.148B	0.122B	0.116	0.364	1.23	0.410	0.351	0.417	0.294	0.268	0.262	0.222	18
19	0.146B	0.125B	0.150	0.521	1.18	0.381	0.343	0.418	0.283	0.260	0.262	0.215B	19
20	0.143B	0.124B	0.161	0.788	1.14	0.421	0.316	0.386	0.280	0.285	0.273	0.210B	20
21	0.138B	0.126B	0.187	0.551	1.02	0.386	0.302	0.327	0.273	0.261	0.273	0.208B	21
22	0.134B	0.120B	0.170	0.795	0.885	0.380	0.281	0.310	0.288	0.266	0.265	0.213B	22
23	0.132B	0.117B	0.178	0.734	1.04	0.367	0.282	0.288	0.267	0.269	0.241	0.227	23
24	0.135B	0.115B	0.182	0.875	1.58	0.357	0.276	0.289	0.307	0.462	0.248	0.237	24
25	0.141B	0.110B	0.218	0.706	1.82	0.354	0.264	0.287	0.263	0.406	0.256	0.286	25
26	0.145B	0.106B	0.286	0.789	1.82	0.377	0.249	0.378	0.262	0.431	0.235	0.282	26
27	0.151B	0.105B	0.271	0.647	2.18	0.368	0.251	0.407	0.260	0.410	0.239	0.264	27
28	0.156B	0.103B	0.185	0.664	1.85	0.362	0.238	0.348	0.281	0.321	0.237	0.271	28
29	0.155B		0.178	1.06	1.41	0.384	0.222	0.318	0.288	0.288	0.242	0.262	29
30	0.154B		0.180	1.28	1.14	0.481	0.221	0.306	0.287	0.281	0.243	0.283	30
31	0.135B		0.155		1.01		0.210	0.362		0.272		0.270	31
TOTAL	4.455	3.080	4.880	13.635	36.455	13.466	10.289	9.557	8.638	9.084	8.608	7.704	TOTAL
MEAN	0.144	0.110	0.160	0.455	1.18	0.449	0.332	0.308	0.288	0.293	0.287	0.249	MEAN
MAX	0.156	0.126	0.286	1.28	2.18	0.855	0.748	0.437	0.417	0.462	0.382	0.286	MAX
MIN	0.126	0.080	0.101	0.145	0.619	0.342	0.210	0.217	0.256	0.254	0.235	0.208	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.356
MAXIMUM DAILY, 2.18 ON MAY 27
MINIMUM DAILY, 0.080B ON FEB 4
MAXIMUM INSTANTANEOUS,
2.40 AT 13:46 PST ON MAY 27

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 51 37 N
LONG 119 58 24 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	385	JUL	890
FEB	266	AUG	828
MAR	402	SEP	772
APR	1 180	OCT	785
MAY	3 150	NOV	743
JUN	1 160	DEC	666

TOTAL DISCHARGE, 11 200 dam³

LOUIS CREEK AT THE MOUTH - STATION NO. 08LB072

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.780B	0.560B	0.530B	0.776	11.8	10.5	4.68	1.12	2.48	1.08	1.41	1.16	1
2	0.780B	0.505B	0.525B	0.761	13.8	10.8	3.61	1.61	2.77	1.10	1.40	1.58	2
3	0.820B	0.470B	0.520B	0.767	14.0	9.80	3.09	2.30	2.97	1.08	1.48	1.61	3
4	0.850B	0.435B	0.525B	0.710	13.2	8.85	2.88	2.12	2.82	1.06	2.33	1.58	4
5	0.880B	0.480B	0.520B	0.716	15.0	8.10	2.85	1.77	2.43	1.04	2.63	1.58	5
6	0.840B	0.577B	0.550E	0.848	17.1	7.83	2.44	1.80	2.24	1.02	2.42	1.52	6
7	0.830B	0.560B	0.590A	0.816	18.8	6.70	2.28	1.36	2.02	1.01	2.25	1.48	7
8	0.805B	0.560B	0.610E	0.862	18.4	5.82	2.18	1.24	1.89	0.945	2.05	1.60	8
9	0.750B	0.555B	0.670E	0.938	17.3	5.48	2.18	1.10	1.75	0.974	2.03	1.48	9
10	0.705B	0.500B	0.660E	0.908	18.8	5.04	2.07	1.00	1.69	1.08	2.08	1.40	10
11	0.720B	0.505B	0.675E	0.806	17.7	4.84	2.74	0.963	1.85	1.28	3.06	0.884	11
12	0.740B	0.505B	0.660E	0.863	12.8	4.27	2.42	0.887	1.80	1.28	2.87	1.30	12
13	0.780B	0.510B	0.720E	0.940	9.78	4.08	2.12	0.876	1.56	1.28	2.24	1.48	13
14	0.780B	0.505B	0.850E	1.14	8.56	4.28	1.88	0.933	1.47	1.30	2.10	1.20	14
15	0.820B	0.500B	1.04 A	1.41	7.76	4.08	4.28	1.24	1.63	1.23	1.79	1.28	15
16	0.825B	0.505B	0.909	1.77	7.76	4.24	4.80	2.22	1.40	1.18	1.78	1.30	16
17	0.825B	0.520B	0.887	2.06	10.9	4.10	3.48	2.67	1.86	1.11	1.81	1.25	17
18	0.820B	0.530B	0.848	2.30	11.8	3.87	2.84	2.23	1.78	1.10	1.78	1.20 B	18
19	0.805B	0.530B	0.789	2.84	9.97	3.49	2.82	2.08	1.65	1.08	1.63	1.14 B	19
20	0.780B	0.525B	0.839	3.88	8.36	3.77	2.42	1.82	1.67	1.09	1.63	1.10 B	20
21	0.780B	0.520B	0.883	5.38	8.28	3.63	2.18	1.75	1.47	1.10	1.61	1.09 B	21
22	0.720B	0.510B	1.03	5.04	7.42	3.56	2.09	1.82	1.41	1.18	1.63	1.09 B	22
23	0.705B	0.500B	1.00	4.48	8.69	3.24	1.83	1.57	1.38	1.17	1.66	1.10 B	23
24	0.710B	0.585B	0.872	4.18	11.6	2.88	1.78	1.48	1.30	1.84	1.60	1.14 B	24
25	0.750B	0.570B	1.02	4.28	12.4	2.81	1.71	1.40	1.28	2.62	1.63	1.18 B	25
26	0.780B	0.555B	1.18	4.87	11.9	2.83	1.57	1.43	1.22	2.14	1.61	1.20 B	26
27	0.820B	0.545B	1.23	4.99	16.1	3.04	1.46	1.77	1.18	2.28	1.38	1.18 B	27
28	0.840B	0.540B	1.10	5.22	14.8	2.67	1.42	1.88	1.18	1.81	1.88	1.18 B	28
29	0.850B		0.970	5.82	11.8	2.89	1.30	1.49	1.14	1.89	1.58	1.17 B	29
30	0.840B		0.873	6.47	10.3	3.51	1.22	1.44	1.12	1.61	1.17	1.17 B	30
31	0.700B		0.803		9.09		1.20	1.58		1.50		1.18 B	31
TOTAL	24.383	16.132	25.124	78.143	381.89	151.33	75.28	48.432	51.08	41.183	57.83	38.784	TOTAL
MEAN	0.787	0.576	0.811	2.60	12.3	5.04	2.43	1.56	1.70	1.33	1.93	1.25	MEAN
MAX	0.880	0.630	1.23	6.47	18.9	10.8	4.80	2.67	2.97	2.62	3.06	1.61	MAX
MIN	0.700	0.435	0.520	0.710	7.42	2.81	1.20	0.887	1.12	0.974	1.17	0.884	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.72
MAXIMUM DAILY, 18.8 ON MAY 10
MINIMUM DAILY, 0.435B ON FEB 4
MAXIMUM INSTANTANEOUS,
21.0 AT 23:25 PST ON MAY 10

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 08 06 N
LONG 120 07 32 W
DRAINAGE AREA, 515 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 110	JUL	6 500
FEB	1 390	AUG	4 180
MAR	2 170	SEP	4 410
APR	6 640	OCT	3 560
MAY	33 000	NOV	4 980
JUN	13 100	DEC	3 440

TOTAL DISCHARGE, 85 700 dam³

MACIVOR CREEK NEAR THE MOUTH - STATION NO. 08JA015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0878	0.0838	0.0588	0.0888	1.60	5.15	1.97	1.09 E	0.428	0.402	0.327	0.3188	1
2	0.0838	0.0818	0.0588	0.0708	1.84	5.84	1.86	1.07 E	0.378	0.371	0.317	0.3708	2
3	0.0888	0.0808	0.0588	0.0708	2.45	5.19	1.69	1.03 E	0.361	0.368	0.818	0.4308	3
4	0.0888	0.0898	0.0588	0.0718	2.85	5.14	1.42	0.880E	0.354	0.348	0.411	0.4008	4
5	0.0848	0.0588	0.0588	0.0728	3.84	5.85	1.31	0.980E	0.347	0.348	0.498	0.3808	5
6	0.0828	0.0848	0.0548	0.0738	4.41	4.90	1.26	0.942E	0.338	0.338	0.387	0.3588	6
7	0.0788	0.0588	0.0548	0.0748	5.03	4.24	1.80	0.928E	0.343	0.338	0.359	0.3428	7
8	0.0788	0.0578	0.0588	0.0788	4.16	4.20	1.84	0.814E	0.341	0.346	0.357	0.3288	8
9	0.0778	0.0578	0.0588	0.0788	3.66	3.85	1.62	0.805E	0.341	0.368	0.618	0.3198	9
10	0.0768	0.0578	0.0588	0.0818	3.47	3.87	1.70	1.00 E	0.337	0.371	1.01	0.3128	10
11	0.0768	0.0578	0.0588	0.0888	3.10	3.78	1.86	1.06 E	0.330	0.342	0.8408	0.3088	11
12	0.0748	0.0578	0.0588	0.0888	2.78	4.00	1.84	1.06 E	0.318	0.385	0.3808	0.3038	12
13	0.0738	0.0578	0.0588	0.1048	2.41	3.85	1.86	1.12 E	0.308	0.373	0.3408	0.3018	13
14	0.0728	0.0578	0.0588	0.1208	2.48	3.42	1.44	1.01 E	0.298	0.362	0.3288	0.3008	14
15	0.0718	0.0588	0.0588	0.1388	2.74	2.70	1.21	1.07 A	0.304	0.341	0.3168	0.2898	15
16	0.0718	0.0588	0.0588	0.1528	2.63	2.10	1.09A	0.967	0.313	0.331	0.3178	0.2878	16
17	0.0708	0.0588	0.0598	0.1708	2.80	1.83	1.26E	1.17	0.338	0.384	0.3308	0.2868	17
18	0.0708	0.0588	0.0588	0.1858	2.82	1.48	1.30E	1.03	0.340	0.870	0.7008	0.2808	18
19	0.0708	0.0588	0.0588	0.2258	2.38	1.38	1.80E	0.820	0.383	0.482	0.6008	0.2628	19
20	0.0708	0.0588	0.0598	0.2398	2.09	1.42	1.84E	0.788	0.348	0.405	0.8408	0.2708	20
21	0.0888	0.0888	0.0888	0.236	1.88	1.84	1.87E	0.788	0.326	0.380	0.5208	0.2628	21
22	0.0888	0.0588	0.0808	0.236	1.81	1.84	1.32E	1.23	0.323	0.363	0.4788	0.2648	22
23	0.0878	0.0888	0.0808	0.232	1.81	1.98	1.30E	1.27 E	0.316	0.385	0.4408	0.2618	23
24	0.0878	0.0808	0.0618	0.240	1.84	2.18	1.22E	1.20 E	0.310	0.380	0.4188	0.2608	24
25	0.0868	0.0808	0.0628	0.276	1.98	2.14	1.10E	0.860E	0.310	0.377	0.3898	0.2608	25
26	0.0868	0.0808	0.0628	0.326	1.84	1.86	1.08E	0.720E	0.309	0.388	0.3728	0.3028	26
27	0.0868	0.0808	0.0648	0.386	2.07	1.97	1.15E	0.840E	0.302	0.336	0.3688	0.2928	27
28	0.0868	0.0888	0.0668	0.440	2.38	1.78	1.28E	0.480E	0.298	0.328	0.3428	0.2808	28
29	0.0868		0.0678	0.728	3.01	1.61	1.28E	0.484E	0.418	0.345	0.3308	0.2888	29
30	0.0868		0.0688	1.18	4.28	1.68	1.10E	0.441A	0.478	0.333	0.3248	0.2928	30
31	0.0868		0.0898		5.54		1.08E	0.477		0.313		0.2908	31
TOTAL	2.289	1.640	1.870	8.497	87.82	82.33	43.36	28.493	10.222	11.603	14.181	8.444	TOTAL
MEAN	0.074	0.058	0.060	0.217	2.82	3.08	1.40	0.918	0.341	0.371	0.472	0.305	MEAN
MAX	0.087	0.083	0.068	1.18	5.54	5.15	1.97	1.27	0.478	0.870	1.01	0.430	MAX
MIN	0.068	0.057	0.058	0.068	1.60	1.38	1.08	0.441	0.298	0.313	0.318	0.290	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.847
MAXIMUM DAILY, 5.15 ON JUN 1
MINIMUM DAILY, 0.0578 ON FEB 8
MAXIMUM INSTANTANEOUS,
5.87 AT 00:57 PST ON JUN 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 48 07 N
LONG 126 21 00 W
DRAINAGE AREA, 53.4 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	198	JUL	3 760
FEB	142	AUG	2 480
MAR	162	SEP	883
APR	961	OCT	884
MAY	7 580	NOV	1 220
JUN	7 980	DEC	818

TOTAL DISCHARGE, 26 700 dam³

MACKAY CREEK AT MONTROYAL BOULEVARD - STATION NO. 08GA061

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.462	0.388	0.148	0.462	0.138	0.108	0.208	0.844	0.028	0.007	0.121	0.188	1
2	0.690	0.248	0.127	0.362	0.124	0.104	0.221	0.038	0.028	0.006	0.113	0.387	2
3	1.28	0.183	0.104	0.422	0.110	0.086	0.124	0.027	0.022	0.008	1.04	0.843	3
4	0.878	0.148	0.098	0.518	0.122	0.087	0.093	0.023	0.022	0.006	1.18	1.88	4
5	0.482	0.128	0.278	0.881	0.131	0.078	0.088	0.018	0.018	0.007	0.488	0.888	5
6	0.335	0.118	0.284	0.441	0.137	0.078	0.083	0.020	0.014	0.006	0.782	0.480	6
7	0.238	0.108	0.238	0.880	0.130	0.072	0.068	0.020	0.017	0.005	0.588	0.877	7
8	0.188	0.093	0.228	0.437	0.124	0.087	0.097	0.018	0.018	0.005	1.89	0.747	8
9	0.289	0.087	0.241	0.318	0.107	0.058	0.062	0.017	0.018	0.006	5.10 E	0.431	9
10	0.212	0.083	0.298	0.288	0.100	0.047	0.048	0.018	0.018	0.012	2.83	0.388	10
11	0.183	0.072	0.380	0.258	0.078	0.048	0.043	0.018	0.014	0.428	0.710	0.232	11
12	0.810	0.067	0.410	0.248	0.088	0.048	0.043	0.013	0.018	0.170	0.388	0.188	12
13	0.787	0.088	0.338	0.267	0.088	0.108	0.041	0.013	0.018	0.134	0.417	0.183	13
14	0.388	0.054	0.258	0.277	0.088	0.088	0.038	0.120	0.013	0.080	0.272	0.143	14
15	0.883	0.088	0.208	0.287	0.083	0.080	0.033	0.037	0.013	0.083	0.208	0.130	15
16	1.28	0.088	0.308	0.308	0.088	0.083	0.080	0.031	0.018	0.044	0.212	0.120	16
17	1.08	0.083	0.181	0.183	0.188	0.088	0.127	0.026	0.017	0.033	0.188	0.118	17
18	0.914	0.174	0.178	0.188	0.208	0.044	0.073	0.017	0.008	0.117	0.188	0.108	18
19	0.813	0.147	0.140	0.181	0.100	0.181	0.088	0.018	0.007	0.178	0.384	0.117	19
20	0.418	0.118	0.188	0.304	0.088	0.104	0.048	0.148	0.007	0.188	0.781	0.108	20
21	0.327	0.130	0.308	0.231	0.072	0.078	0.044	0.172	0.007	0.178	0.543	0.113	21
22	0.278	0.878	0.227	0.174	0.088	0.088	0.043	0.104	0.007	0.188	0.327	0.108	22
23	0.213	0.730	0.198	0.138	0.142	0.084	0.037	0.078	0.007	0.487	0.418	0.122	23
24	0.178	0.831	0.178	0.128	0.298	0.048	0.038	0.058	0.008	0.708	0.384	0.108	24
25	0.184	0.318	0.273	0.138	0.143	0.048	0.034	0.054	0.008	0.438	0.311	0.188	25
26	0.188	0.238	0.831	0.178	0.514	0.084	0.032	0.048	0.028	1.21	0.280	0.181	26
27	0.138	0.188	1.07	0.144	0.848	0.042	0.027	0.043	0.007	0.732	0.330	0.188	27
28	0.128	0.172	0.718	0.137	0.278	0.058	0.028	0.038	0.007	0.384	0.313	0.088	28
29	0.342		0.838	0.141	0.188	0.048	0.024	0.032	0.007	0.287	0.283	0.088	29
30	0.788		0.488	0.148	0.148	0.088	0.023	0.030	0.008	0.184	0.184	0.088	30
31	0.881		0.382		0.128		0.048	0.028		0.141		0.177	31
TOTAL	14.884	8.331	8.433	8.841	4.874	2.183	2.082	1.388	0.421	8.384	20.822	8.888	TOTAL
MEAN	0.483	0.180	0.304	0.285	0.181	0.072	0.067	0.044	0.014	0.205	0.887	0.288	MEAN
MAX	1.28	0.730	1.07	0.841	0.848	0.181	0.208	0.172	0.028	1.21	5.10	1.88	MAX
MIN	0.128	0.088	0.088	0.128	0.088	0.042	0.023	0.013	0.008	0.008	0.113	0.088	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.238
MAXIMUM DAILY, 5.10E ON NOV 9
MINIMUM DAILY, 0.008 ON OCT 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 21 22 N
LONG 123 05 54 W
DRAINAGE AREA, 3.63 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 290	JUL	181
FEB	661	AUG	117
MAR	815	SEP	38.4
APR	784	OCT	650
MAY	404	NOV	1 780
JUN	188	DEC	828

TOTAL DISCHARGE, 7 410 dam³

MAHOOD CREEK AT 144 STREET, SURREY - STATION NO. 08MH184

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.56	0.4208	0.484	1.94	0.174	0.385	0.781	0.428	0.118	0.083	0.182	0.418	1
2	3.83	0.3258	0.416	1.36	0.233	0.337	0.427	0.186	0.106	0.084	0.160	2.08	2
3	3.48	0.3048	0.383	1.31	0.178	0.314	0.248	0.128	0.098	0.083	7.73	3.86	3
4	1.42	0.2628	0.354	2.09	0.168	0.308	0.178	0.111	0.088	0.088	2.81	5.86	4
5	0.905	0.2648	1.89	1.86	0.247	0.304	0.168	0.108	0.107	0.110	0.871	3.82	5
6	0.718	0.2858	0.884	2.28	0.833	0.300	0.181	0.117	0.108	0.082	2.30	2.80	6
7	0.863	0.3808	0.884	0.881	0.177	0.182	0.148	0.111	0.108	0.088	0.860	4.12	7
8	0.827	0.2408	0.802	0.883	0.182	0.183	0.148	0.108	0.101	0.081	4.00	3.84	8
9	2.18	0.2388	1.18	0.822	0.188	0.288	0.140	0.118	0.104	0.078	8.85	1.24	9
10	1.30	0.3308	1.26	0.680	0.213	0.173	0.142	0.121	0.113	0.088	7.12	0.742	10
11	1.07	0.2268	1.48	0.382	0.512	0.159	0.127	0.111	0.118	1.20	1.82	0.573	11
12	2.87	0.2248	2.22	0.358	0.184	0.181	0.138	0.108	0.123	0.188	0.888	0.480	12
13	3.17	0.2308	1.34	0.338	0.184	0.842	0.188	0.108	0.138	0.837	1.80	0.423	13
14	1.33	0.2178	0.781	0.317	0.148	0.843	0.138	0.722	0.130	0.187	0.867	0.382	14
15	4.38	0.230	0.676	0.303	0.144	0.178	0.138	0.189	0.132	0.118	0.831	0.348	15
16	10.4	0.227	0.670	0.287	0.139	0.142	0.487	0.868	0.123	0.110	1.24	0.322	16
17	8.74	0.288	0.887	0.280	1.28	0.304	0.858	0.180	0.133	0.108	0.878	0.324	17
18	8.33	1.38	1.42	0.278	1.07	0.184	0.188	0.133	0.130	0.808	1.18	0.308	18
19	1.48	1.83	0.882	0.287	0.384	2.21	0.144	0.118	0.118A	0.143	0.884	1.13	19
20	2.08	1.42	0.781	0.881	0.328	0.323	0.148	1.42	0.089	0.884	4.82	1.18	20
21	1.18	1.18	1.14	0.488	0.184	0.249	0.140	1.18	0.103	0.388	1.86	0.801	21
22	1.89	3.88	0.863	0.418	0.174	0.217	0.130	0.274	0.100	0.835	0.878	0.823	22
23	0.780	3.01	0.884	0.380	0.818	0.181	0.134	0.178	0.088	1.83	1.32	0.781	23
24	0.888	1.73	0.884	0.342	1.21	0.182	0.123	0.187	0.085	0.881	3.28	0.631	24
25	0.878	0.843	2.00	0.343	0.308	0.188	0.122	0.144	0.088	0.217	2.22	0.380	25
26	0.832	0.873	1.81	0.388	2.78	0.308	0.127	0.144	0.888	3.12	1.18	0.383	26
27	0.882	0.808	2.86	0.331	2.17	0.181	0.184	0.122	0.136	0.438	1.36	0.708	27
28	0.438	0.888	1.42	0.318	0.880	0.407	0.118	0.128	0.117	0.283	0.731	0.482	28
29	0.823		3.77	0.182	0.417	0.174	0.112	0.130	0.108	0.208	0.888	0.787	29
30	1.36		2.08	0.187	0.333	0.174	0.114	0.128	0.088	0.287	0.488	0.824	30
31	0.881		1.38		0.383		0.188	0.125		0.202		0.880	31
TOTAL	88.226	31.887	38.187	19.833	15.782	9.281	6.287	7.871	3.788	13.880	81.183	41.088	TOTAL
MEAN	2.10	0.771	1.17	0.884	0.509	0.310	0.202	0.254	0.127	0.437	2.04	1.32	MEAN
MAX	10.4	3.88	3.77	2.28	2.78	2.21	0.781	1.42	0.880	3.12	8.85	8.88	MAX
MIN	0.438	0.217	0.384	0.187	0.138	0.188	0.112	0.108	0.088	0.078	0.180	0.308	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.827
MAXIMUM DAILY, 10.4 ON JAN 16
MINIMUM DAILY, 0.078 ON OCT 8
MAXIMUM INSTANTANEOUS,
38.7 AT 15 42 PST ON NOV 9

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 48 N
LONG 122 48 18 W

A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 880	JUL	841
FEB	1 870	AUG	880
MAR	3 130	SEP	328
APR	1 720	OCT	1 170
MAY	1 380	NOV	8 280
JUN	803	DEC	3 880

TOTAL DISCHARGE, 28 100 dam³

MARK CREEK ABOVE DIVERSIONS - STATION NO. 08NG068

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3248	0.3778	0.2008	0.120	3.87	4.78	1.88	0.472	0.736	0.380	0.350	0.3818	1
2	0.3278	0.3508	0.1868	0.118	3.82	5.18	1.88	0.488	0.736	0.388	0.3308	0.3628	2
3	0.3308	0.3308	0.1838	0.121	3.74	5.48	1.42	0.481	0.878	0.384	0.3348	0.3788	3
4	0.3388	0.3208	0.1818	0.118	3.73	5.40	1.33	0.488	0.848	0.384	0.3338	0.3828	4
5	0.3388	0.3308	0.1838	0.130	4.38	5.88	1.28	0.438	0.734	0.384	0.3208	0.3828	5
6	0.3348	0.3308	0.1888	0.130	5.75	7.88	1.20	0.418	0.874	0.383	0.3338	0.3808	6
7	0.3308	0.3388	0.1888	0.140	7.82	7.21	1.18	0.388	0.848	0.388	0.3408A	0.3338	7
8	0.3288	0.3428	0.2008	0.141	8.20	8.42	1.12	0.418	0.704	0.371	0.338	0.3708	8
9	0.3218	0.3428	0.2008	0.136	8.32	8.18	1.08	0.480	0.728	0.381	0.388	0.3478	9
10	0.3178	0.3438	0.1988	0.138	8.88	8.22	1.18	0.488	0.887	0.348	0.831	0.3408	10
11	0.3188	0.3408	0.1988	0.144	8.24	8.84	1.08	0.381	0.838	0.352	0.888	0.3408	11
12	0.3188	0.3378	0.1988	0.187	8.82	8.88	1.00	0.377	0.830	0.388	0.872	0.3188	13
13	0.3178	0.3308	0.1988	0.178	8.88	8.18	1.40	0.888	0.888	0.388	0.898	0.3228	13
14	0.3188	0.3238	0.1988	0.233	8.73	8.18	1.38	0.848	0.878	0.388	0.8388	0.3308	14
15	0.3188	0.3308	0.1988	0.474	8.81	8.72	1.21	0.487	0.880	0.374	0.4888	0.3288	15
16	0.3208	0.3148	0.1948	0.838	8.88	8.42	1.08	0.433	0.812	0.372	0.4888	0.3308	16
17	0.3228	0.3148	0.1888	0.483	8.88	8.73	1.18	0.437	0.830	0.383	0.4888	0.3188	17
18	0.3208	0.3138	0.1848	0.841	8.36	8.84	1.84	0.433	0.813	0.382	0.488	0.3888	18
19	0.3148	0.3158	0.1878	0.784	8.88	8.78	0.931	0.414	0.483	0.388	0.482	0.3888	19
20	0.3198	0.3178	0.1888	1.83	8.87	8.84	0.880	0.433	0.488	0.387	0.448	0.3888	20
21	0.3188	0.3208	0.1738	1.48	8.84	8.38	0.812	0.488	0.441	0.388	0.448	0.3488	21
22	0.3148	0.3208	0.1688	1.84	8.73	8.18	0.778	0.488	0.438	0.388	0.3888	0.3488	22
23	0.3038	0.3218	0.1188	1.47	8.18	8.87	0.784	0.433	0.438	0.388	0.3488	0.3888	23
24	0.3888	0.3208	0.187	1.28	8.88	8.88	0.882	0.887	0.484	0.372	0.3888	0.3748	24
25	0.3088	0.3188	0.112	1.11	8.87	8.38	0.888	0.888	0.387	0.377	0.4388	0.3878	25
26	0.3188	0.3188	0.118	1.83	8.80	8.38	0.814	1.18	0.388	0.378	0.3688	0.3818	26
27	0.3368	0.3138	0.118	0.888	8.47	8.38	0.888	1.18	0.378	0.388	0.3288	0.3888	27
28	0.3328	0.3118	0.111	0.878	8.87	1.87	0.882	1.18	0.388	0.383	0.3788	0.3088	28
29	0.3268		0.117	1.18	8.18	1.78	0.883	1.82	0.388	0.388	0.3888	0.3888	29
30	0.3188		0.118	1.72	8.18	1.72	0.883	0.883	0.388	0.388	0.3848	0.3888	30
31	0.3838		0.117		8.81		0.473	0.883		0.382		0.3888	31
TOTAL	9.883	8.388	8.328	18.883	148.48	128.88	31.818	17.718	18.337	11.388	13.388	9.888	TOTAL
MEAN	0.318	0.327	0.188	0.618	4.82	4.18	1.88	0.871	0.848	0.387	0.448	0.313	MEAN
MAX	0.338	0.377	0.288	1.72	8.88	7.88	1.88	1.18	0.728	0.388	0.831	0.382	MAX
MIN	0.283	0.311	0.187	0.118	3.87	1.72	0.473	0.377	0.388	0.348	0.328	0.248	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.14
MAXIMUM DAILY, 8.88 ON MAY 10
MINIMUM DAILY, 0.187 ON MAR 24
MAXIMUM INSTANTANEOUS,
8.83 AT 23:35 MST ON MAY 9

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 48 N
LONG 118 01 48 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	888	JUL	3 880
FEB	848	AUG	1 830
MAR	453	SEP	1 410
APR	1 810	OCT	882
MAY	13 800	NOV	1 140
JUN	10 800	DEC	838

TOTAL DISCHARGE, 35 800 dam³

MATHER CREEK BELOW HOULE CREEK - STATION NO. 08NG076

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.240B	0.250B	0.178E	0.158	2.88	2.72	1.53	0.630E	0.789A	0.498	0.420	0.376	1
2	0.240B	0.228B	0.178E	0.155	3.21	3.84	1.48	0.600E	0.783	0.518	0.412	0.343	2
3	0.242B	0.200B	0.177E	0.152	3.42	4.03	1.35	0.580E	0.786	0.507	0.420	0.373	3
4	0.248B	0.198B	0.174E	0.172	3.31	4.39	1.29	0.578E	0.727	0.487	0.429	0.365	4
5	0.248B	0.205B	0.178E	0.165	3.48	4.95	1.21	0.560E	0.761	0.489	0.418	0.389	5
6	0.247B	0.212B	0.177E	0.198	3.79	6.09	1.15	0.538E	0.795	0.478	0.415	0.383	6
7	0.240B	0.218B	0.178E	0.260	4.85	6.39	1.08	0.526E	0.727	0.471	0.423	0.328	7
8	0.236B	0.221B	0.180E	0.270	5.10	5.84	1.03	0.560E	0.720	0.464	0.420	0.365	8
9	0.236B	0.221B	0.181E	0.260	5.12	5.86	1.00	0.624A	0.734	0.469	0.443	0.342	9
10	0.234B	0.220B	0.180E	0.278	5.50	5.09	1.11	0.623	0.717	0.456	0.604	0.211	10
11	0.232B	0.218B	0.183E	0.330	5.14	4.63	1.11	0.668	0.684	0.460	0.773	0.299	11
12	0.233B	0.210B	0.185E	0.382	4.18	4.52	0.958	0.571	0.668	0.459	0.629	0.322	12
13	0.230B	0.207B	0.187E	0.439	3.50	4.61	1.07	0.607	0.644	0.498	0.539	0.316	13
14	0.232B	0.201B	0.185E	0.626	3.08	4.61	1.27	0.728	0.627	0.543	0.487	0.324	14
15	0.235B	0.198B	0.181E	0.723	2.85	4.41	1.08	0.661	0.607	0.512	0.316	0.328	15
16	0.239B	0.198B	0.178E	0.880	2.72	4.28	1.02	0.637	0.583	0.480	0.432	0.319	16
17	0.237B	0.197B	0.170E	0.867	2.73	3.70	1.09	0.601	0.558	0.460	0.481	0.315	17
18	0.233B	0.194B	0.170E	0.938	3.02	3.18	1.06	0.598	0.556	0.451	0.443	0.300B	18
19	0.231B	0.193B	0.168E	1.11	2.76	2.87	0.953	0.577	0.548	0.452	0.448	0.280B	19
20	0.232B	0.189B	0.168E	1.39	2.86	2.65	0.873	0.627	0.531	0.494	0.487	0.270B	20
21	0.232B	0.198B	0.163E	1.85	2.46	2.40	0.888	0.854	0.519	0.540	0.478	0.244B	21
22	0.226B	0.199B	0.153E	2.34	2.38	2.19	0.816	0.700	0.514	0.528	0.334	0.242B	22
23	0.214B	0.200B	0.145A	2.47	2.61	2.09	0.765	0.639	0.501	0.504	0.279	0.260B	23
24	0.205B	0.199B	0.111	2.16	2.56	2.01	0.707	0.671	0.496	0.556	0.407	0.278B	24
25	0.216B	0.198B	0.104	2.01	2.29	2.01	0.688	0.746	0.489	0.556	0.420	0.267B	25
26	0.227B	0.194B	0.107	1.94	2.22	2.00	0.681A	1.10	0.483	0.538	0.314	0.287B	26
27	0.246B	0.190B	0.120	1.92	2.18	1.93	0.650E	1.14	0.479	0.519	0.289	0.283B	27
28	0.249B	0.190B	0.128	1.78	2.17	1.83	0.650E	1.20	0.472	0.521	0.381	0.286B	28
29	0.250B		0.136	1.81	1.87	1.68	0.650E	1.04	0.471	0.490	0.361	0.317	29
30	0.255B		0.140	2.19	1.97	1.59	0.648E	0.933	0.467	0.473	0.336	0.324	30
31	0.257B		0.166		2.16		0.636E	0.636A		0.462		0.332	31
TOTAL	7.331	5.760	5.016	30.306	97.66	108.48	30.523	22.452	16.471	15.751	13.018	9.687	TOTAL
MEAN	0.236	0.206	0.162	1.01	3.15	3.62	0.985	0.724	0.549	0.508	0.434	0.312	MEAN
MAX	0.257	0.250	0.187	2.47	5.50	6.39	1.53	1.20	0.795	0.556	0.773	0.389	MAX
MIN	0.205	0.190	0.104	0.152	1.87	1.59	0.636	0.526	0.467	0.451	0.279	0.211	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.993
MAXIMUM DAILY, 6.39 ON JUN 7
MINIMUM DAILY, 0.104 ON MAR 25
MAXIMUM INSTANTANEOUS,
6.94 AT 23:49 MST ON JUN 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 43 30 N
LONG 115 55 30 W
DRAINAGE AREA, 136 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	633	JUL	2 640
FEB	498	AUG	1 940
MAR	433	SEP	1 420
APR	2 620	OCT	1 360
MAY	8 440	NOV	1 120
JUN	9 370	DEC	837

TOTAL DISCHARGE, 31 300 dam³

MATTHEW CREEK ABOVE DIVERSIONS - STATION NO. 08NG065

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.575B	0.560B	0.366B	0.478E	7.17	13.5	6.14	1.90	2.54	0.895	0.883	0.917E	1
2	0.566B	0.430B	0.353B	0.470E	8.09	16.7	5.14	1.57	2.59	0.888	0.901	0.940E	2
3	0.578B	0.360B	0.352B	0.460E	8.53	19.0	4.72	1.66	2.51	0.876	0.895	0.892E	3
4	0.595B	0.320B	0.378B	0.452E	9.04	18.7	4.61	1.43	2.21	0.850	0.886	0.930E	4
5	0.602B	0.360B	0.408B	0.488E	10.7	23.5	4.64	1.34	2.50	0.838	0.853	0.950E	5
6	0.600B	0.400B	0.438B	0.534E	16.5	31.3	4.63	1.26	2.35	0.823	0.849	0.930E	6
7	0.565B	0.428B	0.464B	0.561A	23.5	26.5	4.84	1.28	2.19	0.804	0.876A	0.870E	7
8	0.564B	0.440B	0.460B	0.603	21.4	21.4	4.33	1.23	2.49	0.784	0.840A	0.860E	8
9	0.548B	0.442B	0.490B	0.476	20.0	19.3	4.00	1.51	2.48	0.783	0.960E	0.900E	9
10	0.542B	0.440B	0.522B	0.488	22.3	14.4	4.40	1.67	2.34	0.788	2.20 E	0.860E	10
11	0.540B	0.436B	0.534B	0.595	18.6	14.7	3.69	1.29	2.14	0.833	2.10 E	0.740E	11
12	0.540B	0.434B	0.528B	0.684	12.5	15.3	3.77	1.17	1.96	0.930	1.75 E	0.880E	12
13	0.548B	0.440B	0.520B	0.852	9.88	17.2	6.49	2.37	1.81	0.999	1.50 E	0.760E	13
14	0.560B	0.440B	0.515B	1.21	8.12	18.1	5.69	1.85	1.67	0.982	1.36 E	0.820E	14
15	0.580B	0.441B	0.490B	2.61	7.86	16.5	4.91	1.71	1.58	0.832	1.26 E	0.840E	15
16	0.567B	0.440B	0.472B	3.19	8.00	15.6	4.37	1.43	1.45	0.781	1.16 E	0.840E	16
17	0.595B	0.440B	0.456B	2.38	8.04	11.6	4.30	1.39	1.44	0.763	1.16 E	0.820E	17
18	0.600B	0.448B	0.432B	2.66	9.15	9.30	3.49	1.27	1.43	0.758	1.24 E	0.760E	18
19	0.567B	0.457B	0.426B	3.71	9.95	8.11	3.39	1.18	1.32	0.766	1.25 E	0.760E	19
20	0.563B	0.459B	0.426B	5.00	8.18	7.73	3.54	1.16	1.24	0.848	1.13 E	0.770E	20
21	0.526B	0.459B	0.430B	6.83	5.85	6.58	3.37	1.61	1.17	1.15	1.13 E	0.710E	21
22	0.480B	0.454B	0.440B	6.60	5.50	6.62	2.80	2.13	1.13	1.10	1.08 E	0.690E	22
23	0.430B	0.455B	0.449B	5.47	6.62	6.89	2.52	1.91	1.07	1.09	0.960E	0.620E	23
24	0.418B	0.460B	0.460B	4.29	6.26	7.82	2.46	2.50	1.04	1.65	0.970E	0.680E	24
25	0.456B	0.462B	0.462B	3.89	5.81	8.57	2.26	2.78	1.01	1.29	0.940E	0.710E	25
26	0.523B	0.460B	0.498B	3.39	5.35	9.27	2.13	5.26	0.971	1.15	0.970E	0.748E	26
27	0.536B	0.440B	0.502B	3.15	5.49	8.50	2.13	5.16	0.930	1.11	0.900E	0.738E	27
28	0.548B	0.400B	0.504B	3.06	5.48	8.25	2.05	5.03	0.903	1.02	0.860E	0.762E	28
29	0.570B		0.508B	3.57	5.08	6.05	1.85	3.81	0.883	0.947	0.848E	0.765E	29
30	0.598B		0.502B	4.89	5.36	6.83	1.77	3.11	0.884	0.870	0.800E	0.762E	30
31	0.605B		0.484B		7.31		1.73	2.73		0.870		0.766E	31
TOTAL	17.151	12.228	14.311	72.548	305.82	414.62	115.87	65.41	50.281	26.224	33.553	24.797	TOTAL
MEAN	0.553	0.437	0.462	2.42	9.86	13.8	3.74	2.11	1.68	0.846	1.12	0.800	MEAN
MAX	0.605	0.560	0.534	6.83	23.5	31.3	6.49	5.26	2.59	1.66	2.20	0.950	MAX
MIN	0.418	0.320	0.352	0.452	5.08	6.05	1.73	1.17	0.883	0.758	0.800	0.620	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.17
MAXIMUM DAILY, 31.3 ON JUN 6
MINIMUM DAILY, 0.320B ON FEB 4
MAXIMUM INSTANTANEOUS,
37.7 AT 23:25 MST ON JUN 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 36 N
LONG 116 04 13 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 480	JUL	10 000
FEB	1 060	AUG	5 650
MAR	1 240	SEP	4 340
APR	6 270	OCT	2 270
MAY	26 400	NOV	2 900
JUN	35 800	DEC	2 140

TOTAL DISCHARGE, 99 600 dam³

MCDONALD CREEK NEAR BRIDGE LAKE - STATION NO. 08LF085

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0128	0.052	0.086	0.021	0.002	0.085	0.008	---	---	1
2	---	---	---	0.0128	0.059	0.061	0.020	0.018	0.076	0.010	---	---	2
3	---	---	---	0.0138	0.084	0.065	0.017	0.026	0.072	0.010A	---	---	3
4	---	---	---	0.0138	0.142	0.041	0.016	0.017	0.085	---	---	---	4
5	---	---	---	0.0288	0.163	0.036	0.016	0.012	0.064	---	---	---	5
6	---	---	---	0.0208	0.165	0.026	0.014	0.010	0.068	---	---	---	6
7	---	---	---	0.0248	0.172	0.021	0.012	0.008	0.062	---	---	---	7
8	---	---	---	0.0248	0.170	0.021	0.014	0.007	0.053	---	---	---	8
9	---	---	---	0.0248	0.153	0.026	0.012	0.006	0.047	---	---	---	9
10	---	---	---	0.0268	0.152	0.026	0.012	0.004	0.043	---	---	---	10
11	---	---	---	0.0388	0.228	0.026	0.011	0.004	0.041	---	---	---	11
12	---	---	---	0.0438	0.260	0.021	0.009	0.003	0.037	---	---	---	12
13	---	---	---	0.0538	0.206	0.016	0.008	0.004	0.033	---	---	---	13
14	---	---	---	0.0688	0.176	0.018	0.006	0.006	0.030	---	---	---	14
15	---	---	---	0.0688	0.162	0.018	0.006	0.008	0.028	---	---	---	15
16	---	---	---	0.0688	0.162	0.024	0.005	0.017	0.029	---	---	---	16
17	---	---	---	0.0648	0.186	0.024	0.005	0.015	0.030	---	---	---	17
18	---	---	---	0.0608	0.196	0.021	0.004	0.016	0.026	---	---	---	18
19	---	---	---	0.0688	0.204	0.021	0.004	0.013	0.026	---	---	---	19
20	---	---	---	0.1008	0.262	0.024	0.004	0.014	0.026	---	---	---	20
21	---	---	---	0.0888	0.330	0.024	0.004	0.018	0.023	---	---	---	21
22	---	---	---	0.0848	0.196	0.026	0.004	0.027	0.019	---	---	---	22
23	---	---	---	0.0688	0.186	0.023	0.003	0.026	0.016	---	---	---	23
24	---	---	---	0.0818	0.186	0.022	0.002	0.026	0.014	---	---	---	24
25	---	---	---	0.0788	0.210	0.018	0.002	0.027	0.013	---	---	---	25
26	---	---	---	0.0708	0.214	0.016	0.002	0.036	0.011	---	---	---	26
27	---	---	---	0.0578	0.201	0.033	0.002	0.044	0.012	---	---	---	27
28	---	---	---	0.0538	0.192	0.026	0.002	0.047	0.012	---	---	---	28
29	---		---	0.0518	0.196	0.026	0.002	0.048	0.012	---	---	---	29
30	---		---	0.0508	0.138	0.026	0.002	0.040	0.010	---	---	---	30
31	---		---		0.116		0.002	0.046		---	---	---	31
TOTAL	---	---	---	1.551	5.422	0.884	0.242	0.585	1.058	---	---	---	TOTAL
MEAN	---	---	---	0.052	0.175	0.030	0.008	0.019	0.035	---	---	---	MEAN
MAX	---	---	---	0.100	0.262	0.086	0.021	0.048	0.076	---	---	---	MAX
MIN	---	---	---	0.012	0.052	0.018	0.002	0.002	0.010	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.262 ON MAY 20

MAXIMUM INSTANTANEOUS,
0.262 AT 01:05 PST ON MAY 20

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 25 55 N
LONG 120 35 55 W
DRAINAGE AREA, 20.4 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	20.9
FEB	---	AUG	61.4
MAR	---	SEP	91.4
APR	134	OCT	---
MAY	488	NOV	---
JUN	77.2	DEC	---

MCFAYDEN CREEK NEAR VALLICAN - STATION NO. 08NJ126

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.021	0.198	0.237	0.048	0.008	---	0.008	0.008	---	1
2	---	---	---	---	0.206	0.268	0.043	---	0.011	---	---	---	2
3	---	---	---	0.018	0.206	0.278	0.043	0.010	---	0.008	---	---	3
4	---	---	---	---	0.202	0.275	0.041	---	0.008	---	---	---	4
5	---	---	---	0.021	0.273	0.274	0.038	0.008	---	0.004	---	---	5
6	---	---	---	---	0.484	0.288	0.035	---	0.008	---	---	---	6
7	---	---	---	0.043	0.550	0.280	0.031	0.004	---	0.004	---	---	7
8	---	---	---	---	0.526	0.272	0.030	---	0.007	---	---	---	8
9	---	---	---	0.033	0.550	0.266	0.027	0.015	---	0.004	---	---	9
10	---	---	---	0.040	0.730	0.230	0.027	---	0.008	---	---	---	10
11	---	---	---	0.038	0.620	0.308	0.027	0.008	---	0.004	---	---	11
12	---	---	---	---	0.395	0.191	0.025	---	0.008	---	---	---	12
13	---	---	---	0.066	0.266	0.176	0.025	0.008	---	0.008	---	---	13
14	---	---	---	---	0.262	0.176	0.024	---	0.008	---	---	---	14
15	---	---	---	0.131	0.244	0.173	0.024	0.011	---	0.008	---	---	15
16	---	---	---	---	0.313	0.186	0.022	---	0.008	---	---	---	16
17	---	---	---	0.082	0.338	0.180	0.022	0.008	---	0.008	---	---	17
18	---	---	---	---	0.338	0.138	0.022	---	0.008	---	---	---	18
19	---	---	---	0.126	0.192	0.138	0.022	0.008	---	0.008	---	---	19
20	---	---	---	---	0.181	0.130	0.021	---	0.008	---	---	---	20
21	---	---	---	0.282	0.137	0.107	0.020	0.008	---	0.008	---	---	21
22	---	---	---	---	0.137	0.115	0.017	---	0.008	---	---	---	22
23	---	---	---	0.161	0.163	0.101	0.017	0.010	---	0.008	---	---	23
24	---	---	---	---	0.137	0.094	0.018	---	0.008	---	---	---	24
25	---	---	---	0.126	0.131	0.085	0.013	0.008	---	0.008	---	---	25
26	---	---	---	---	0.137	0.080	0.013	---	0.004	---	---	---	26
27	---	---	---	0.188	0.182	0.074	0.013	0.010	---	0.007	---	---	27
28	---	---	---	---	0.176	0.068	0.013	---	0.008	---	---	---	28
29	---		---	0.114	0.163	0.057	0.011	0.008	---	0.006	---	---	29
30	---		---	---	0.208	0.040	0.011	---	0.004	---	---	---	30
31	---		---		0.248		0.008	0.008		0.008		---	31
TOTAL	---	---	---	---	8.661	5.175	0.748	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	0.279	0.173	0.024	---	---	---	---	---	MEAN
MAX	---	---	---	---	0.730	0.308	0.048	---	---	---	---	---	MAX
MIN	---	---	---	---	0.131	0.040	0.008	---	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.730 ON MAY 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 34 14 N
LONG 117 39 22 W
DRAINAGE AREA, 8.70 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	64.6
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	747	NOV	---
JUN	447	DEC	---

MCGREGOR RIVER AT LOWER CANYON - STATION NO. 08KB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	45.0B	33.4B	25.9B	30.2B	560	629	329	223	132 E	153	101	64.5B	1
2	45.0B	32.9B	25.1B	30.9B	466	711	406	253	126 E	112	104	67.8B	2
3	44.0B	31.6B	24.9B	31.3B	469	847	402	426	120 E	97.9	318	66.2B	3
4	43.5B	31.1B	24.6B	32.0B	464	847	382	365	126 E	89.9	424	72.0B	4
5	43.2B	30.8B	25.0B	33.5B	529	726	359	295	148 E	80.9	315	71.0B	5
6	43.0B	30.6B	25.4B	37.2B	641	782	335	276	143 E	93.7	243	66.8B	6
7	42.5B	30.7B	25.6B	39.5B	800	642	311	272	134 E	80.2	182	66.2B	7
8	41.3B	30.5B	25.6B	40.7B	780	640	306	270	134 E	85.3	168	63.8B	8
9	39.2B	30.2B	25.7B	41.5B	749	585	324	268	125 E	88.4	191	60.7B	9
10	37.6B	29.8B	25.5B	42.2B	804	678	330	265	112 E	101	324	57.0B	10
11	36.2B	28.6B	25.3B	44.0B	717	630	325	246	107 E	127	261	54.6B	11
12	35.3B	28.2B	26.2B	46.0B	618	648	319	230	107 E	143	188	53.8B	12
13	34.7B	28.6B	26.2B	57.0B	384	656	317	243	118 E	131	153	51.0B	13
14	34.5B	28.4B	25.1B	67.0B	354	695	331	248	121 E	113	113 B	50.0B	14
15	34.6B	27.7B	25.0B	75.5B	373	750	340	231	117 E	103	106 B	49.2B	15
16	34.5B	26.8B	24.9B	64.5B	399	597	341	210	107 E	94.1	103 B	48.3B	16
17	34.2B	26.5B	24.3B	69.5B	467	484	313	210	97.5E	87.9	115	46.7B	17
18	34.2B	26.2B	23.9B	93.5B	438	405	282	218	85.0E	184	166	45.0B	18
19	34.3B	26.1B	23.8B	88.0B	406	373	269	222	144	278	436 E	43.8B	19
20	34.5B	26.2B	24.0B	100 B	332	334	263	204	266	216	288	43.0B	20
21	34.7B	26.4B	24.2B	110 B	284	324	264	214	236	184	200	42.7B	21
22	34.2B	26.8B	24.7B	148 B	252	336	267	230	181	205	123 B	42.8B	22
23	34.0B	27.1B	25.3B	175 B	223	383	265	224	154 A	148	111 B	44.0B	23
24	34.5B	27.2B	26.3B	218 B	223	386	214	261	148	165	100 B	53.0B	24
25	35.0B	27.2B	26.9B	267 B	249	380	189	238	130	153	91.0B	85.0B	25
26	35.5B	27.2B	27.4B	302	267	467	194E	208	121	143	83.0B	130 B	26
27	35.5B	27.0B	27.9B	318	262	510	200	186	118	144	77.7B	200 B	27
28	35.0B	26.6B	28.3B	384	278	388	214	184	110	130	74.8B	195 B	28
29	35.0B		28.7B	414	278	331	206	147	105	117	72.0B	184 B	29
30	35.9B		29.1B	508	343	288	218	137E	102	112	68.8B	188 B	30
31	34.7B		29.6B		508		224	139E		107		182 B	31
TOTAL	1 156.5	803.3	788.0	3 924.8	13 816	15 697	8 906	7 429	4 032.4	4 106.3	5 280.3	2 456.8	TOTAL
MEAN	37.4	28.7	25.8	131	446	530	280	240	134	132	176	79.3	MEAN
MAX	46.0	33.4	29.6	508	804	782	406	426	266	278	436	200	MAX
MIN	34.0	26.1	23.8	30.2	223	288	184	139	85.0	85.3	89.9	42.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 198
MAXIMUM DAILY, 804 ON MAY 10
MINIMUM DAILY, 23.8B ON MAR 18
MAXIMUM INSTANTANEOUS,
635 AT 10:00 PST ON MAY 10

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 13 55 N
LONG 131 40 00 W
DRAINAGE AREA, 4 770 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	100 000	JUL	777 000
FEB	69 400	AUG	642 000
MAR	68 000	SEP	348 000
APR	338 000	OCT	356 000
MAY	1 190 000	NOV	457 000
JUN	1 370 000	DEC	212 000

TOTAL DISCHARGE, 5 830 000 dam³

MCKALE RIVER NEAR 940 m CONTOUR - STATION NO. 08KA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.50B	1.46B	1.29B	1.01B	8.30	44.3	28.7	8.22	4.84	3.82	2.68	2.46B	1
2	1.57B	1.42B	1.26B	1.02B	7.81	42.4	22.9	25.0	4.70	3.17	2.94	2.30B	2
3	1.55B	1.37B	1.27B	1.02B	8.87	38.0	21.4	21.3	4.36	3.06	3.73	1.79B	3
4	1.53B	1.34B	1.27B	1.03B	10.2	44.8	20.8	12.8	5.52	3.00	3.88	1.61B	4
5	1.51B	1.33B	1.26B	1.03B	16.4	52.8	20.7	10.8	5.46	3.25	3.31	1.44B	5
6	1.48B	1.32B	1.26B	1.04B	21.9	46.3	19.9	8.95	5.86	3.02	3.08	1.30B	6
7	1.46B	1.31B	1.26B	1.06B	28.5	38.1	21.1	8.26	5.36	2.86	2.83	1.36B	7
8	1.47B	1.30B	1.23B	1.07B	24.9	33.3	23.6	8.58	4.84	2.83	2.61	1.32B	8
9	1.46B	1.29B	1.21B	1.06B	27.6	41.8	20.9	8.53	4.46	2.80	5.20	1.32B	9
10	1.46B	1.30B	1.19B	1.11B	30.6	40.6	22.6	7.85	4.16	3.42	7.07	1.31B	10
11	1.42B	1.30B	1.18B	1.13B	23.2	44.6	21.6	7.01	3.86	3.38	4.78	1.30B	11
12	1.38B	1.30B	1.17B	1.17B	19.8	47.6	21.6	8.53	3.88	3.49	3.86B	1.61B	12
13	1.36B	1.31B	1.16B	1.21B	13.6	50.7	22.8	6.63	3.82	3.17	3.86B	1.69B	13
14	1.37B	1.33B	1.16B	1.37B	12.8	56.6	23.4	8.84	3.68	2.86	3.46B	1.86B	14
15	1.38B	1.33B	1.13B	1.21B	14.1	48.1	22.3	7.19	3.51	2.80	3.32B	1.84B	15
16	1.34B	1.33B	1.12B	1.38B	17.2	30.8	18.8	8.88	3.47	2.81	3.21B	1.74B	16
17	1.33B	1.33B	1.11B	1.47B	17.6	29.1	18.8	8.27	3.30	2.83	3.14B	1.83B	17
18	1.32B	1.32B	1.10B	1.53B	18.6	22.0	18.8	7.17	3.16	5.07	3.25B	1.97B	18
19	1.30B	1.32B	1.10B	1.63B	13.4	19.9	19.2	8.96	3.86	4.87	3.40B	1.88B	19
20	1.29B	1.31B	1.09B	1.74E	10.2	18.6	14.8	8.70	5.57	3.89	3.26B	1.61B	20
21	1.28B	1.31B	1.08B	1.86E	8.21	20.7	14.0	10.1	4.48	4.18	3.11B	1.63B	21
22	1.26B	1.31B	1.06B	2.00E	8.61	26.6	11.6	13.2	3.80	4.19	2.82B	1.88B	22
23	1.29B	1.30B	1.06B	2.17E	8.42	31.6	10.6	10.1	3.68	4.01	2.66B	1.70B	23
24	1.28B	1.30B	1.07B	2.48E	8.90	31.8	8.78	8.51	3.34	4.22	2.76B	1.78B	24
25	1.30B	1.31B	1.07B	2.86E	8.84	28.3	8.13	7.70	3.17	4.04	2.72B	1.69B	25
26	1.31B	1.31B	1.07B	3.42A	9.60	25.0	8.33	6.67	3.19	3.84	2.88B	2.21B	26
27	1.32B	1.30B	1.06B	3.86	9.74	26.5	10.3	6.30	3.19	3.47	2.71B	2.34B	27
28	1.33B	1.30B	1.06B	5.32	10.5	19.8	9.86	6.85	3.01	3.06	2.77B	2.40B	28
29	1.40B		1.03B	7.08	12.3	18.3	9.43	6.82	3.11	3.04	2.88B	2.35B	29
30	1.66B		1.02B	8.81	18.5	23.3	9.30	6.41	4.86	3.08	2.57B	2.30B	30
31	1.69B		1.02B		32.9		8.85	5.01		2.92		2.24B	31
TOTAL	43.52	37.07	36.44	63.88	470.50	1 042.5	536.09	275.96	126.01	105.19	100.86	64.82	TOTAL
MEAN	1.40	1.32	1.14	2.13	15.2	34.8	17.0	8.89	4.20	3.43	3.37	1.77	MEAN
MAX	1.69	1.46	1.29	8.81	32.9	56.6	28.7	25.0	6.52	5.07	7.07	2.46	MAX
MIN	1.26	1.29	1.02	1.01	7.81	18.3	8.85	5.01	3.01	2.81	2.57	1.31	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.80
MAXIMUM DAILY, 56.4 ON JUN 14
MINIMUM DAILY, 1.01B ON APR 1
MAXIMUM INSTANTANEOUS,
63.6 AT 20:44 PST ON JUN 9

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 38 41 N
LONG 130 13 10 W
DRAINAGE AREA, 382 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 780	JUL	46 500
FEB	3 200	AUG	23 800
MAR	3 080	SEP	10 800
APR	8 520	OCT	8 170
MAY	40 700	NOV	8 720
JUN	80 100	DEC	4 780

TOTAL DISCHARGE, 240 000 dam³

MCKINLEY CREEK BELOW OUTLET OF MCKINLEY LAKE - STATION NO. 08KH020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.53	1.10 E	1.15E	1.12	12.4	11.9	5.67	0.981	3.79	1.88	2.34	4.84	1
2	1.50	1.00 E	1.20E	1.11	13.4	12.2	5.49	1.12	3.80	1.77	2.88	4.80	2
3	1.53	0.900E	1.25E	1.10	14.4	12.1	5.27	1.36	3.74	1.58	3.76	4.81	3
4	1.57	0.900E	1.30E	1.08	15.2	11.9	5.04	1.60	3.74	1.44	5.37	4.58	4
5	1.56	0.900E	1.35E	1.08	16.1	11.9	5.01	1.73	3.65	1.37	6.26	4.55	5
6	1.53	0.900E	1.40E	1.13	17.6	11.7	4.67	1.80	3.57	1.38	8.99	4.53	6
7	1.54	0.920E	1.45E	1.15	18.3	11.6	4.59	1.81	3.46	1.28	9.25	4.52	7
8	1.52	0.940E	1.48E	1.17	19.1	11.1	4.38	1.88	3.35	1.20	9.18	4.49	8
9	1.51	0.960E	1.50E	1.17	20.0	10.8	4.19	1.81	3.27	1.15	9.19	4.38	9
10	1.58	0.980E	1.55E	1.23	21.0	10.5	3.98	1.88	3.18	1.23	9.22	4.15	10
11	1.55	1.00 E	1.54A	1.28	23.1	9.99	4.05	1.84	2.99	1.35	9.53	4.09	11
12	1.49	1.00 E	1.58	1.36	23.2	9.71	3.88	1.83	2.87	1.47	9.65	4.00	12
13	1.46	1.01 E	1.66	1.49	22.2	9.37	3.80	1.83	2.74	1.52	9.42	3.93	13
14	1.44	1.02 E	1.86	1.66	20.9	9.42	4.01	1.88	2.66	1.56	8.88	3.82	14
15	1.44	1.03 E	1.74	1.88	19.5	9.66	3.71	1.94	2.47	1.61	8.66	3.72	15
16	1.48	1.04 A	1.78	2.17	18.5	9.04	3.66	2.05	2.19	1.82	8.03	3.56	16
17	1.46	1.02 E	1.79	2.49	18.5	8.73	3.44	2.13	2.10	2.25	7.83	3.46	17
18	1.39	1.00 E	1.83	2.61	18.3	9.04	3.19	2.17	2.03	2.38	7.76	3.33	18
19	1.37	0.980E	1.83	3.21	18.3	8.48	2.81	2.20	2.03	2.04	7.63	3.30	19
20	1.34	0.960E	1.82	3.67	17.8	8.19	2.73	2.25	1.98	1.88	7.60	3.31	20
21	1.34	1.05 E	1.81	4.88	17.0	7.88	2.40	2.43	1.87	1.77	7.54	3.10	21
22	1.30	1.10 E	1.81	7.03	16.0	7.64	1.82	3.23	1.90	1.97	7.29	3.16	22
23	1.29	1.15 E	1.65	8.55	15.0	7.20	0.738	5.02	1.83	2.01	6.95	3.32	23
24	1.28	1.20 E	1.73	9.33	14.4	6.87	0.770	5.27	1.85	1.98	6.74	3.27	24
25	1.23	1.20 E	1.48	9.61	13.6	6.60	0.817	4.48	1.33	2.14	6.53	3.22	25
26	1.25	1.20 E	1.32	9.82	13.4	6.23	0.844	3.25	3.33	2.20	6.13	3.13	26
27	1.26	1.15 E	1.32	9.99	12.8	6.25	0.859	3.33	3.42	2.37	5.83	3.08	27
28	1.30	1.15 E	1.29	10.3	12.5	6.04	0.881	3.40	2.82	2.45	5.61	3.09	28
29	1.29		1.26	10.6	12.1	5.84	0.934	3.52	2.54	2.48	5.27	3.08	29
30	1.25E		1.24	11.4	11.7	5.87	0.948	3.70	2.28	2.38	5.00	3.09	30
31	1.20E		1.19		11.8		0.988	3.83		2.36		3.08	31
TOTAL	43.76	28.780	47.17	125.66	518.1	275.67	95.726	77.881	82.69	56.06	216.74	116.64	TOTAL
MEAN	1.41	1.03	1.52	4.19	16.7	9.19	3.09	2.51	2.76	1.81	7.22	3.76	MEAN
MAX	1.57	1.20	1.86	11.4	23.2	12.2	5.67	5.27	3.80	2.48	9.65	4.84	MAX
MIN	1.20	0.900	1.15	1.08	11.8	5.84	0.738	0.981	1.33	1.15	2.34	3.08	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.62
MAXIMUM DAILY, 23.2 ON MAY 12
MINIMUM DAILY, 0.738 ON JUL 23
MAXIMUM INSTANTANEOUS,
23.6 AT 15:13 PST ON MAY 11

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 16 50 N
LONG 121 00 00 W
DRAINAGE AREA, 430 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1966

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 780	JUL	8 270
FEB	2 490	AUG	6 710
MAR	4 080	SEP	7 140
APR	10 900	OCT	4 840
MAY	44 800	NOV	18 700
JUN	23 800	DEC	10 100

TOTAL DISCHARGE, 146 000 dam³

MCQUEEN LAKE AT THE OUTLET - STATION NO. 08LB082

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.331E	0.355	0.367	0.418E	0.403	0.438	0.385E	0.366E	0.344	0.321	0.389	0.404	1
2	0.332E	0.357	0.368	0.415	0.405	0.435	0.383E	0.366E	0.347E	0.320	0.383E	0.406	2
3	0.333E	0.357E	0.368	0.414	0.409	0.424E	0.381	0.366E	0.350E	0.316	0.388E	0.407	3
4	0.333	0.356E	0.369	0.413	0.408	0.414	0.384	0.367E	0.353	0.315	0.374E	0.408	4
5	0.330	0.355	0.369	0.420	0.408	0.412	0.385	0.367E	0.351	0.312	0.376E	0.410	5
6	0.333	0.363	0.369	0.426	0.410E	0.408	0.382	0.366E	0.349	0.309	0.382	0.409	6
7	0.334E	0.364	0.371	0.418E	0.411	0.408	0.378	0.366E	0.346	0.307E	0.384	0.410	7
8	0.335	0.363	0.370	0.408E	0.410	0.409	0.376E	0.364E	0.344E	0.307E	0.385	0.411	8
9	0.340	0.362	0.371	0.398	0.411	0.407	0.373	0.362E	0.342E	0.307	0.384	0.408	9
10	0.341	0.362	0.373	0.396	0.412	0.405E	0.369	0.360E	0.340	0.319	0.383E	0.408	10
11	0.343	0.352E	0.376E	0.399	0.412	0.403	0.381	0.358E	0.336	0.320	0.379E	0.410	11
12	0.344	0.363	0.378	0.402	0.410	0.399	0.383	0.357E	0.334	0.318	0.375E	0.413	12
13	0.346	0.363	0.380	0.406	0.408E	0.393	0.380	0.356E	0.331	0.321	0.372E	0.416	13
14	0.342E	0.364	0.380	0.401	0.408	0.395	0.379	0.353E	0.332	0.321E	0.374E	0.416	14
15	0.345	0.364	0.380	0.401E	0.404	0.391	0.385E	0.353E	0.330	0.322	0.376E	0.419	15
16	0.345	0.363	0.379	0.404E	0.402	0.400	0.382	0.353E	0.333E	0.320	0.376E	0.419E	16
17	0.346	0.364	0.381	0.408E	0.404	0.398E	0.381	0.352E	0.336	0.322	0.376E	0.419E	17
18	0.347	0.364E	0.381E	0.408E	0.405	0.395	0.384	0.352E	0.337	0.323	0.378E	0.419	18
19	0.347	0.365	0.381	0.411E	0.415	0.393	0.383	0.350E	0.335	0.322	0.378E	0.420	19
20	0.348	0.366	0.381	0.413E	0.414E	0.396	0.376	0.348E	0.332	0.321	0.382E	0.420	20
21	0.348E	0.366	0.383	0.418E	0.412E	0.395	0.376E	0.348E	0.331	0.321E	0.386E	0.422	21
22	0.348	0.366	0.385	0.418E	0.409	0.396	0.376E	0.342E	0.330	0.322E	0.386E	0.421	22
23	0.348E	0.367	0.389	0.420	0.413	0.392	0.374E	0.338E	0.330E	0.321	0.392E	0.420E	23
24	0.348	0.360E	0.398E	0.421	0.425	0.390E	0.372E	0.337	0.329	0.335	0.391E	0.419E	24
25	0.346	0.360E	0.400E	0.420	0.433	0.386	0.371E	0.335	0.327	0.340	0.390E	0.418E	25
26	0.348	0.363	0.403E	0.419	0.436	0.384	0.370E	0.332	0.324	0.365	0.388E	0.420E	26
27	0.346	0.364	0.408E	0.418	0.438E	0.384	0.369E	0.328	0.326	0.380	0.391E	0.423E	27
28	0.347E	0.366	0.409E	0.413E	0.440	0.390	0.368E	0.342	0.323	0.380E	0.392	0.425E	28
29	0.347		0.411E	0.408E	0.441	0.391	0.367E	0.344E	0.321	0.380	0.398	0.428E	29
30	0.350		0.414E	0.402	0.440	0.387	0.366E	0.344E	0.323	0.381	0.402	0.430E	30
31	0.347		0.416		0.439		0.366E	0.343E		0.380		0.433E	31
MEAN	0.343	0.358	0.384	0.411	0.416	0.401	0.377	0.352	0.336	0.327	0.381	0.417	MEAN
MAX	0.350	0.366	0.416	0.426	0.441	0.438	0.385	0.367	0.353	0.381	0.402	0.433	MAX
MIN	0.330	0.352	0.367	0.396	0.402	0.384	0.366	0.328	0.321	0.307	0.368	0.404	MIN

WATER LEVELS IN METRES

MEAN, 0.378
MAXIMUM DAILY, 0.441 ON MAY 29
MINIMUM DAILY, 0.307E ON OCT 7

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 48 48 N
LONG 120 28 15 W

E - ESTIMATED

REGULATED SINCE 1963

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MELDRUM CREEK BELOW MCTAGGART LAKE - STATION NO. 08MC043

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.012B	0.002A	0E	0	0 E	0E	0	---	---	1
2	---	---	---	0.013B	0.002	0E	0	0.001E	0E	0A	---	---	2
3	---	---	---	0.013B	0.001	0E	0	0.001E	0E	0E	---	---	3
4	---	---	---	0.014B	0.001	0E	0	0.001E	0E	0A	---	---	4
5	---	---	---	0.014B	0.001	0E	0 A	0.001E	0E	---	---	---	5
6	---	---	---	0.015B	0.001	0E	0 A	0 E	0E	---	---	---	6
7	---	---	---	0.015B	0.001A	0E	0	0 E	0E	---	---	---	7
8	---	---	---	0.016B	0.001E	0E	0	0 E	0E	---	---	---	8
9	---	---	---	0.016B	0.001E	0E	0	0 E	0E	---	---	---	9
10	---	---	---	0.017B	0.001E	0E	0	0 E	0E	---	---	---	10
11	---	---	---	0.018B	0.001E	0E	0.001	0 E	0E	---	---	---	11
12	---	---	---	0.021B	0.001E	0E	0.002	0 E	0E	---	---	---	12
13	---	---	---	0.023B	0.001E	0E	0.002	0 E	0A	---	---	---	13
14	---	---	---	0.027B	0.001E	0E	0.002	0 E	0	---	---	---	14
15	---	---	---	0.022B	0.001E	0E	0.001	0.001E	0	---	---	---	15
16	---	---	---	0.018B	0 E	0E	0.001	0.002E	0	---	---	---	16
17	---	---	---	0.018B	0 E	0E	0.001	0.001E	0	---	---	---	17
18	---	---	---	0.010B	0 E	0E	0.001	0 E	0	---	---	---	18
19	---	---	---	0.006	0 E	0E	0	0 E	0	---	---	---	19
20	---	---	---	0.005	0 E	0E	0	0 E	0	---	---	---	20
21	---	---	---	0.004	0 E	0A	0	0 E	0	---	---	---	21
22	---	---	---	0.004B	0 E	0	0	0.001E	0	---	---	---	22
23	---	---	---	0.004B	0 E	0	0	0.001E	0	---	---	---	23
24	---	---	---	0.004A	0 E	0	0 A	0 E	0	---	---	---	24
25	---	---	---	0.004E	0 E	0	0 E	0 E	0	---	---	---	25
26	---	---	---	0.004B	0 E	0	0 E	0 E	0	---	---	---	26
27	---	---	---	0.003E	0 E	0	0 E	0 E	0	---	---	---	27
28	---	---	---	0.003E	0 E	0	0 E	0 E	0	---	---	---	28
29	---		---	0.003E	0 E	0	0 E	0 E	0	---	---	---	29
30	---		---	0.002E	0 E	0	0 E	0 E	0	---	---	---	30
31	---		---		0 E		0 E	0 E		---		---	31
TOTAL	---	---	---	0.349	0.017	0	0.011	0.010	0	---	---	---	TOTAL
MEAN	---	---	---	0.012	0.001	0	0	0	0	---	---	---	MEAN
MAX	---	---	---	0.027	0.002	0	0.002	0.002	0	---	---	---	MAX
MIN	---	---	---	0.002	0	0	0	0	0	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0E ON MAY 19

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT. 52 09 10 N
LONG 122 33 23 W
DRAINAGE AREA, 62.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.55
FEB	---	AUG	0.55
MAR	---	SEP	0
APR	30.2	OCT	---
MAY	1.47	NOV	---
JUN	0	DEC	---

MEGILLINKA RIVER ABOVE GOPHERHOLE CREEK - STATION NO. 07EC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.7 B	6.88B	6.30B	8.70B	37.4	204	90.0	41.6	32.4	44.9	22.6	15.9B	1
2	12.6 B	6.50B	6.20B	8.45B	46.1	203	88.3	42.2	32.4	41.7	22.2	15.8B	2
3	12.9 B	6.30B	6.18B	8.98B	55.0	195	88.8	42.1	31.4	37.7	21.7	15.8B	3
4	12.8 B	6.05B	6.26B	7.26B	68.8	198	88.8	40.9	30.3	35.3	22.0	15.9B	4
5	12.6 B	7.02B	6.80B	7.40B	83.1	220	90.3	40.1	30.1	34.8	21.6	15.8B	5
6	12.4 B	7.63B	6.75B	7.70B	96.8	231	85.5	41.7	29.8	34.8	21.9	15.7B	6
7	12.1 B	7.70B	7.00B	8.10B	110	199	86.3	42.8	27.8	34.2	21.9	15.4B	7
8	11.8 B	7.80B	7.22B	8.50B	118	176	88.8	40.2	26.8	33.1	20.6	15.1B	8
9	11.1 B	7.60B	7.18B	8.70B	124	170	88.4	38.3	26.8	31.8	20.7	14.7B	9
10	10.7 B	7.40B	6.96B	8.80B	132	187	83.6	40.3	26.8	31.6	20.1	14.2B	10
11	10.8 B	7.30B	6.76B	8.62B	127	184	80.6	49.6	26.3	31.7	19.2	13.9B	11
12	10.8 B	7.26B	6.62B	9.02B	113	171	78.4	46.4	24.3	30.6	18.4	13.8B	12
13	10.6 B	7.15B	6.66B	9.16B	98.6	165	72.0	45.3	23.8	29.3	13.9	13.7B	13
14	10.7 B	7.05B	6.70B	9.28B	90.5	165	68.3	44.0	23.1	28.9	19.2B	13.7B	14
15	10.8 B	6.96B	6.68B	9.38B	84.1	163	67.9	43.8	22.8	27.0	19.2B	13.7B	15
16	10.6 B	6.86B	6.60B	9.50B	88.2	157	63.5	42.0	22.4	26.7	19.8B	13.9B	16
17	10.4 B	6.70B	6.38B	9.70B	100	126	58.8	41.7	21.8	26.3	19.4B	13.3B	17
18	10.5 B	6.66B	6.30B	10.0 B	96.9	112	57.6	43.7	21.1	26.6	19.3B	13.0B	18
19	10.7 B	6.45B	6.25B	10.4 B	92.9	102	58.6	45.0	21.1	25.0	19.6B	12.7B	19
20	10.4 B	6.40B	6.20B	11.0	91.8	97.7	58.7	45.7	21.2	25.2	19.3B	12.3B	20
21	10.1 B	6.40B	6.20B	12.8	89.4	89.1	54.1	43.3	21.2	26.9	19.0B	11.9B	21
22	9.85B	6.50B	6.20B	14.0	85.8	85.8	50.8	42.4	23.7	26.1	18.4B	11.9B	22
23	9.65B	6.66B	6.20B	14.4	81.0	83.9	48.8	43.6	28.3	25.4	18.2B	10.8B	23
24	9.60B	6.78B	6.21B	16.7	80.9	87.1	46.3	44.9	27.9	25.3	18.1B	10.7B	24
25	9.65B	6.76B	6.22B	18.7	82.6	94.8	46.2	44.3	27.4	25.2	18.0B	10.7B	25
26	9.85B	6.75B	6.25B	16.6	84.7	104	44.0	41.0	25.9	25.9	18.0B	10.9B	26
27	9.90B	6.70B	6.34B	20.5	85.0	122	42.2	38.8	24.7	25.4	18.1B	11.2B	27
28	9.80B	6.60B	6.38B	23.2	86.6	117	41.6	37.1	23.8	23.7	18.4B	11.6B	28
29	9.65B		6.42B	26.8	87.3	103	42.6	36.6	24.1	22.7	18.7B	11.7B	29
30	9.36B		6.50B	31.8	123	99.6	43.2	34.2	23.7	22.8	18.6B	11.8B	30
31	9.10B		6.66B		165		42.0	33.0		23.1		11.7B	31
TOTAL	334.41	201.47	201.32	388.04	2 940.9	4 439.0	2 043.8	1 298.8	764.7	901.6	624.6	412.6	TOTAL
MEAN	10.8	7.20	6.49	12.3	94.9	148	65.9	41.9	25.2	29.1	17.8	13.3	MEAN
MAX	12.9	6.88	7.22	31.8	165	231	90.3	49.6	32.4	44.9	22.6	15.9	MAX
MIN	9.10	6.40	6.18	8.70	37.4	83.9	41.6	33.0	21.1	22.7	13.9	10.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 39.8
MAXIMUM DAILY, 231 ON JUN 6
MINIMUM DAILY, 6.18B ON MAR 3
MAXIMUM INSTANTANEOUS,
239 AT 12:15 PST ON JUN 6

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT. 56 14 38 N
LONG 124 38 38 W
DRAINAGE AREA, 2 940 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	29 900	JUL	177 000
FEB	17 400	AUG	112 000
MAR	17 400	SEP	67 500
APR	31 600	OCT	77 900
MAY	254 000	NOV	48 300
JUN	384 000	DEC	35 600

TOTAL DISCHARGE, 1 250 000 dam³

MICHEL CREEK ABOVE CORBIN CREEK - STATION NO. 08NK028

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.137E	1.72	3.05	1.54	0.351	0.313	0.203	---	---	1
2	---	---	---	0.150E	2.44	3.78	1.43	0.394	0.788	0.197	---	---	2
3	---	---	---	0.168E	2.27	3.85	1.32	0.388	0.676	0.228A	---	---	3
4	---	---	---	0.154E	2.38	3.94	1.24	0.325	0.481	---	---	---	4
5	---	---	---	0.147E	2.85	4.48	1.15	0.286	0.490	---	---	---	5
6	---	---	---	0.172E	4.16	5.38	1.07	0.278	0.505	---	---	---	6
7	---	---	---	0.222E	5.42	5.09	1.00	0.284	0.467	---	---	---	7
8	---	---	---	0.260E	5.13	4.83	0.948	0.284	0.423	---	---	---	8
9	---	---	---	0.248E	5.02	4.87	0.900	0.274	0.400	---	---	---	9
10	---	---	---	0.245A	4.93	4.84	0.871	0.278	0.394	---	---	---	10
11	---	---	---	0.241	4.44	3.86	0.885	0.244	0.374	---	---	---	11
12	---	---	---	0.241	3.74	3.75	0.787	0.236	0.353	---	---	---	12
13	---	---	---	0.286	3.24	3.78	1.40	0.233	0.326	---	---	---	13
14	---	---	---	0.410	2.86	3.86	1.17	0.232	0.308	---	---	---	14
15	---	---	---	0.898	2.92	3.84	1.03	0.242	0.288	---	---	---	15
16	---	---	---	0.883	3.16	3.53	1.02	0.228	0.282	---	---	---	16
17	---	---	---	0.804	3.16	3.07	0.948	0.241	0.280	---	---	---	17
18	---	---	---	0.640	2.81	2.83	0.832	0.234	0.262	---	---	---	18
19	---	---	---	0.752	2.60	2.75	0.758	0.214	0.240	---	---	---	19
20	---	---	---	1.30	2.14	2.45	0.697	0.206	0.258	---	---	---	20
21	---	---	---	1.77	2.22	2.16	0.648	0.251	0.238	---	---	---	21
22	---	---	---	1.67	2.42	2.07	0.595	0.248	0.235	---	---	---	22
23	---	---	---	1.36	2.60	1.98	0.553	0.227	0.236	---	---	---	23
24	---	---	---	1.15	2.44	1.90	0.505	0.304	0.217	---	---	---	24
25	---	---	---	1.00	2.20	2.30	0.478	0.330	0.223	---	---	---	25
26	---	---	---	0.822	2.11	2.04	0.458	0.368	0.234	---	---	---	26
27	---	---	---	0.841	2.01	1.90	0.435	0.478	0.214	---	---	---	27
28	---	---	---	0.804	1.88	1.78	0.404	0.406	0.213	---	---	---	28
29	---		---	0.828	1.71	1.67	0.370	0.363	0.208	---	---	---	29
30	---		---	1.27	1.69	1.64	0.346	0.368	0.189	---	---	---	30
31	---		---		2.16		0.336	0.319		---	---	---	31
TOTAL	---	---	---	19.481	81.18	86.52	28.224	9.086	10.011	---	---	---	TOTAL
MEAN	---	---	---	0.849	2.84	3.22	0.846	0.293	0.334	---	---	---	MEAN
MAX	---	---	---	1.77	5.42	5.38	1.54	0.478	0.788	---	---	---	MAX
MIN	---	---	---	0.137	1.69	1.64	0.336	0.206	0.189	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 5.42 ON MAY 7

MAXIMUM INSTANTANEOUS, 5.10 AT 19:44 MST ON MAY 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 44 N
LONG 114 41 33 W
DRAINAGE AREA, 35.8 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 270
FEB	---	AUG	783
MAR	---	SEP	885
APR	1 880	OCT	---
MAY	7 880	NOV	---
JUN	8 340	DEC	---

MICHEL CREEK BELOW NATAL - STATION NO. 08NK020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.008	1.808	1.488	2.33A	23.0A	37.8A	16.5 A	5.19A	5.05	3.05	4.61	6.84	1
2	2.018	1.308	1.478	2.48A	32.2A	45.6A	13.3 A	5.08A	8.36	3.04	4.35	8.16	2
3	2.078	1.188	1.578	2.64A	30.6A	50.8A	12.7 A	4.67A	6.46	2.93	4.21	8.46	3
4	2.188	1.118	1.708	2.62A	31.6A	57.2A	13.2 A	4.49A	7.05	2.85	4.36	8.47	4
5	2.238	1.138	2.088	2.61A	33.1A	66.8A	11.0 A	4.24A	6.83	2.80	4.20	8.87	5
6	2.188	1.288	2.188	2.64A	62.2A	72.0A	10.4 A	4.13A	7.39	2.78	4.11	8.17	6
7	1.858	1.408	2.148	3.19A	73.3A	69.1A	9.86A	4.13A	6.82	2.74	4.14	8.74	7
8	1.888	1.838	2.158	3.48A	72.3A	69.3A	8.60A	4.07A	6.63	2.73	3.87	8.68	8
9	1.648	1.598	2.308	3.39A	68.3A	61.8A	9.33A	4.13A	6.34	2.63	4.42	8.83	9
10	1.678	1.808	2.408	3.88A	67.7A	58.9A	11.0 A	4.01A	6.12	2.73	24.8	8.80	10
11	1.808	1.848	2.238	3.85A	66.6A	52.2A	10.1 A	4.01A	5.84	3.31	41.4	3.80	11
12	1.678	1.828	2.328	4.13A	60.6A	46.3A	8.67A	3.85A	5.84	3.30	24.8	4.808	12
13	1.908	1.838	2.138	5.33A	45.1A	45.1A	17.0 A	3.84A	5.22	4.88	18.1	5.188	13
14	2.008	1.868	2.108	8.23A	43.6A	44.1A	13.8 A	3.48A	4.88	5.88	14.7	5.228	14
15	2.138	1.888	2.008	10.3 A	41.4A	42.6A	13.1 A	3.48A	4.77	4.87	11.7	5.308	15
16	2.188	1.888	1.838	10.2 A	39.0A	41.4A	11.1 A	3.48A	4.62	4.32	10.8	5.208	16
17	2.248	1.888	2.008	10.4 A	36.4A	33.4A	10.8 A	3.48A	4.32	3.88	8.80	5.028	17
18	2.228	1.878	2.208	10.4 A	33.8A	28.8A	9.68A	3.48A	4.21	3.62	8.04	4.778	18
19	2.188	1.888	2.708	13.8 A	29.3A	28.4A	8.78A	3.70A	4.12	3.60	8.00	4.528	19
20	2.128	1.808	2.868	18.0 A	27.1A	24.8A	8.87A	3.72A	3.98	3.85	8.49	4.288	20
21	2.008	1.828	2.888	31.0 A	28.8A	23.8A	7.88A	3.78A	3.81	8.80	10.8	3.988	21
22	1.908	1.838	2.868	32.7 A	26.8A	20.8A	7.48A	3.88A	3.88	8.11	9.18	3.808	22
23	1.788	1.828	2.888	35.1 A	25.3A	18.8A	8.72A	3.81A	3.88	7.88	8.84	4.308	23
24	1.888	1.808	2.848	30.2 A	23.2A	24.8A	8.41A	4.01A	3.47	7.81	8.24	8.14	24
25	1.808	1.878	2.878	17.0 A	28.7A	22.8E	8.20A	8.80E	3.40	7.15	7.70	8.31	25
26	1.848	1.888	3.388	15.2 A	24.7A	20.8A	8.09A	7.48E	3.33	8.88	7.07	4.78	26
27	1.708	1.848	2.898	13.3 A	24.8A	19.2A	8.88A	8.70A	3.28	8.30	8.38	4.48	27
28	1.808	1.828	2.898	11.8 A	22.7A	17.8A	8.1A	8.12A	3.15	8.88	8.84	4.31	28
29	1.888		2.718	12.4 A	18.8A	16.2A	8.3A	8.80A	3.13	8.26	8.19	4.10	29
30	2.068		2.288	18.3 A	23.8A	15.2A	8.28A	8.14	3.08	8.10	8.71	4.58	30
31	2.108		2.318		24.8A		8.12A	8.84		4.78		4.38	31
TOTAL	60.38	42.02	73.04	320.10	1 201.1	1 174.0	284.02	148.09	150.48	144.82	298.18	183.04	TOTAL
MEAN	1.95	1.50	2.38	10.7	38.7	38.1	9.48	4.88	5.02	4.87	8.84	5.28	MEAN
MAX	2.24	1.83	3.39	32.7	73.3	72.0	17.0	8.70	8.46	8.11	41.4	8.16	MAX
MIN	1.80	1.11	1.48	2.33	18.8	15.2	8.12	3.48	3.08	2.83	3.87	3.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.1
MAXIMUM DAILY, 73.3A ON MAY 7
MINIMUM DAILY, 1.11B ON FEB 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 43 49 N
LONG 114 51 24 W
DRAINAGE AREA, 837 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 310	JUL	25 400
FEB	3 630	AUG	12 800
MAR	6 310	SEP	13 000
APR	27 700	OCT	12 800
MAY	104 000	NOV	25 800
JUN	101 000	DEC	14 100

TOTAL DISCHARGE, 351 000 dam³

MILLSTONE RIVER AT NANAIMO - STATION NO. 08HB032

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.44	2.50 E	3.56	2.66	0.933	0.236	0.082	0.020	0.007	0.020	0.132	0.486	1
2	4.55	2.33 E	3.14	3.10	0.866	0.234	0.167	0.018	0.006	0.016	0.181	0.567	2
3	6.60	2.16 E	2.84	2.98	0.832	0.206	0.111	0.017	0.006	0.015	0.260	1.60	3
4	7.31	2.02 E	2.60	2.86	0.803	0.183	0.043	0.018	0.006	0.019	0.312	5.82	4
5	6.30	1.92 E	5.30	4.64	0.816	0.166	0.023	0.013	0.006	0.029	0.219	7.90	5
6	5.45	1.87	7.81	4.82	0.795	0.150	0.024	0.010	0.006	0.018	0.244	6.58	6
7	4.86	1.68	7.03	4.82	0.728	0.135	0.124	0.009	0.006	0.015	0.241	5.83	7
8	3.87	1.51	6.52	4.48	0.893	0.117	0.103	0.006	0.007	0.016	0.228	6.63	8
9	3.48	1.40	6.49	4.10	0.625	0.104	0.083	0.012	0.006	0.018	0.216	5.62	9
10	3.11	1.33	9.33	4.03	0.567	0.088	0.061	0.080	0.007	0.047	0.231	4.42	10
11	2.80	1.22	10.2	3.89	0.503	0.074	0.018	0.093	0.024	0.019	0.339	3.55	11
12	3.30	1.16	10.4	3.36	0.509	0.066	0.040	0.038	0.015	0.019	0.241	3.02	12
13	5.25	1.08	8.78	3.06	0.526	0.055	0.108	0.016	0.014	0.026	0.232	2.88	13
14	4.18	1.01	8.24	2.81	0.477	0.050	0.110	0.024	0.008	0.022	0.215	2.36	14
15	4.27	0.938	8.51	2.77	0.484	0.034	0.076	0.089	0.007	0.022	0.210	2.11	15
16	5.06	0.842	5.84	2.55	0.420	0.028	0.055	0.092	0.011	0.019	0.238	1.85	16
17	5.16	0.871	5.07	2.25	0.469	0.027	0.033	0.055	0.041	0.021	0.281	1.74	17
18	5.89	1.42	4.42	1.98	0.456	0.030	0.026	0.024	0.026	0.028	0.260	1.65	18
19	5.73	1.80	3.87	1.82	0.483	0.029	0.018	0.010	0.037	0.028	0.271	1.44	19
20	4.98	2.15	3.47	2.08	0.406	0.028	0.019	0.021	0.082	0.038	0.372	1.33	20
21	4.26	3.03	3.87	2.04	0.369	0.031	0.065	0.037	0.055	0.041	0.378	1.40	21
22	3.65	7.83	3.57	1.95	0.350	0.030	0.084	0.032	0.139	0.088	0.418	1.46	22
23	3.16	7.84	3.38	1.88	0.373	0.013	0.083	0.034	0.107	0.142	0.512	1.36	23
24	2.81	7.13	3.14	1.65	0.381	0.047	0.082	0.025	0.066	0.128	0.588	1.24	24
25	2.58	6.05	3.08	1.31	0.371	0.077	0.038	0.018	0.040	0.085	0.481	1.17	25
26	2.31	5.14	2.95	1.25	0.400	0.068	0.018	0.014	0.080	0.029	0.516	1.07	26
27	2.11	4.33	2.85	1.47	0.413	0.080	0.010	0.012	0.033	0.088	0.488	1.06	27
28	1.85	3.88	2.91	1.46	0.383	0.068	0.010	0.008	0.028	0.108	0.524	0.975	28
29	1.81		2.84	1.27	0.317	0.025	0.015	0.008	0.020	0.081	0.540	0.858	29
30	2.02		2.70	1.08	0.275	0.033	0.021	0.008	0.016	0.077	0.514	0.828	30
31	2.86		2.70		0.255		0.028	0.008		0.048		1.04	31
TOTAL	127.56	76.586	156.02	80.40	16.266	2.438	1.886	0.878	0.877	1.287	9.889	82.870	TOTAL
MEAN	4.11	2.73	5.03	2.59	0.525	0.081	0.055	0.028	0.029	0.042	0.329	2.67	MEAN
MAX	7.31	7.83	10.4	4.82	0.933	0.235	0.167	0.089	0.139	0.142	0.588	8.82	MAX
MIN	1.81	0.838	2.60	1.08	0.255	0.013	0.010	0.008	0.006	0.015	0.132	0.486	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.53
MAXIMUM DAILY, 10.4 ON MAR 12
MINIMUM DAILY, 0.006 ON AUG 8
MAXIMUM INSTANTANEOUS,
10.7 AT 19:01 PST ON MAR 12

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 10 38 N
LONG 123 58 04 W
DRAINAGE AREA, 86.2 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 000	JUL	147
FEB	6 920	AUG	75.5
MAR	13 500	SEP	75.6
APR	6 950	OCT	112
MAY	1 410	NOV	853
JUN	211	DEC	7 160

TOTAL DISCHARGE, 48 100 dam³

MISSION CREEK NEAR EAST KELOWNA - STATION NO. 08NM116

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.55 B	0.800B	1.188	1.47	16.8	32.0	8.41	1.33	3.32	0.819	0.938	1.13	1
2	1.55 B	0.760B	1.078	1.44	20.2	35.6	11.8	2.10	4.30	0.708	0.884	1.80	2
3	1.55	0.745B	1.018	1.36	19.7	35.1	8.71	4.51	6.67	0.838	1.46	2.26	3
4	1.55	0.800B	1.028	1.36	15.4	31.2	7.18	3.72	4.88	0.851	3.16	2.13	4
5	1.49	0.850B	1.108	1.60	22.8	31.2	5.72	2.84	4.23	0.880	3.36	2.11	5
6	1.40	0.915B	1.27E	1.68	28.1	29.3	4.81	1.95	3.78	0.822	2.78	2.00	6
7	1.15 B	0.885B	1.38E	2.14	26.7	24.6	4.24	1.51	4.00	0.889	3.47	1.73	7
8	1.12 B	1.00 B	1.32E	2.42	26.5	21.7	4.07	1.43	3.52	0.588	3.18	1.98	8
9	1.40 B	1.05 B	1.42E	2.46	26.9	19.8	3.73	1.51	3.12	0.581	2.37	1.93	9
10	1.62 B	1.10 B	1.60E	2.77	30.0	17.2	3.75	1.47	2.77	0.599	5.18	1.88	10
11	1.60	1.13 B	1.80E	3.35	34.0	14.8	3.97	1.22	2.51	0.889	7.42	0.882	11
12	1.48	1.10 B	1.72E	4.89	24.1	12.8	3.22	1.22	1.97	0.864	5.37	1.83	12
13	1.37	1.08 B	1.68A	5.04	19.4	11.2	2.62	2.02	1.67	1.23	4.12	2.08	13
14	1.30	1.13 B	1.55	5.10	16.9	14.8	3.08	1.48	1.37	1.82	3.73	1.88	14
15	1.29	1.18 B	1.38	12.6	15.9	31.7	5.34	5.39	1.08	1.41	2.87	1.84	15
16	1.28	1.21 B	1.27	13.3	16.4	21.5	8.58	5.23	1.10	1.90	3.17	1.77	16
17	1.40	1.24 B	1.23	12.3	16.7	14.2	5.46	8.06	1.29	1.17	2.82	1.68	17
18	1.34	1.30 B	1.20	12.4	15.1	11.3	4.67	4.07	1.18	1.04	2.72	1.28	18
19	1.28	1.33 B	1.23	15.2	17.4	11.5	3.78	4.00	1.15	0.952	2.70	1.18	19
20	1.28	1.31 B	1.26	17.9	16.9	11.4	3.84	3.56	1.04	1.17	2.89	1.54	20
21	1.28	1.36 B	1.48	18.4	15.1	9.32	2.62	3.18	0.837	1.03	3.11	1.42	21
22	1.15	1.36 B	1.36	15.9	15.5	10.3	2.19	3.68	0.888	1.19	3.21	1.43	22
23	1.10 B	1.40 B	1.38	13.9	17.1	8.58	1.98	3.48	0.740	1.21	3.48	1.80	23
24	1.02 B	1.38 B	1.38	12.5	15.2	8.87	1.83	2.84	0.817	1.56	3.48	1.46	24
25	1.22 B	1.32 B	1.48	12.3	17.7	7.58	1.54	2.48	0.834	1.83	2.87	1.40	25
26	1.52	1.30 B	1.83	11.7	16.2	6.13	1.49	2.68	0.847	1.54	1.76	1.46	26
27	1.32	1.32 B	1.68	11.1	16.1	5.20	1.73	3.31	0.538	1.48	2.20	1.47	27
28	1.24	1.28 B	1.74	11.4	21.4	4.88	3.17	2.84	0.538	1.38	2.20	1.44	28
29	1.22		1.68	13.4	19.8	5.88	2.08	2.94	0.488	1.05	2.07	1.42	29
30	1.20		1.65	15.8	21.1	6.12	1.88	2.38	0.588	1.07	1.68	1.43	30
31	0.970B		1.50		25.9		1.80	2.82		1.10		1.42	31
TOTAL	41.380	31.885	43.43	261.90	657.8	504.34	126.79	90.37	61.892	32.849	85.323	48.982	TOTAL
MEAN	1.34	1.13	1.40	8.73	21.2	16.8	4.08	2.92	2.06	1.06	2.84	1.61	MEAN
MAX	1.88	1.40	1.80	18.4	30.0	35.6	11.8	8.06	6.67	1.93	7.42	2.26	MAX
MIN	0.970	0.745	1.01	1.36	15.5	4.88	1.49	1.22	0.488	0.581	0.938	0.882	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.46
MAXIMUM DAILY, 30.0 ON MAY 10
MINIMUM DAILY, 0.488 ON SEP 28
MAXIMUM INSTANTANEOUS,
45.4 AT 17:26 PST ON MAY 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 52 44 N
LONG 119 34 47 W
DRAINAGE AREA, 311 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 980	JUL	10 800
FEB	2 740	AUG	7 810
MAR	3 750	SEP	5 330
APR	22 800	OCT	3 840
MAY	56 600	NOV	7 380
JUN	43 800	DEC	4 320

TOTAL DISCHARGE, 172 000 dam³

MOBERLY RIVER NEAR FORT ST. JOHN - STATION NO. 07FB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.04 B	0.7708	0.7828	1.108	8.07	30.8	35.0	8.88	20.1	8.85	4.848	8.388	1
2	1.05 B	0.7858	0.7908	1.188	9.93	32.6	34.2	8.81	18.3	8.57	5.008	8.408	2
3	1.08 B	0.8008	0.8008	1.208	12.0	34.2	33.2	8.78	16.4	8.53	5.148	8.708	3
4	1.05 B	0.7878	0.8018	1.258	14.1	35.1	33.1	8.58	17.5	8.53	5.308	7.408	4
5	1.04 B	0.8108	0.8308	1.308	16.4	36.8	32.0	8.28	18.7	8.47	5.408	7.708	5
6	1.00 B	0.8408	0.8208	1.378	18.8	37.4	31.0	7.90	18.4	8.42	5.508	7.418	6
7	0.9808	0.8438	0.8008	1.438	23.8	37.4	30.0	7.58	16.7	8.40	5.848	7.128	7
8	0.9308	0.8408	0.7878	1.508	27.1	37.4	28.8	7.47	15.8	8.52	5.508	6.748	8
9	0.9658	0.8388	0.7858	1.588	33.1	37.4	27.7	7.84	13.3	8.48	5.208	6.308	9
10	0.9808	0.8308	0.7858	1.888	38.0	37.8	26.8	7.44	12.8	8.48	4.908	8.008	10
11	0.9958	0.8408	0.7828	1.788	41.8	38.8	25.1	7.82	12.1	8.28	4.888	5.828	11
12	1.01 B	0.8508	0.8108	1.888	44.2	38.3	23.8	7.81	11.7	8.05	4.988	5.408	12
13	0.9958	0.8508	0.8408	1.988	44.4	37.8	22.8	8.13	11.2	8.70	5.188	5.288	13
14	0.9758	0.8258	0.8258	2.108	43.8	38.4	21.4	8.42	10.8	8.48	5.528	5.308	14
15	0.9808	0.7988	0.8208	2.228	42.2	38.1	20.2	8.81	10.3	8.80	5.888	5.408	15
16	1.00 B	0.7708	0.8158	2.388	41.3	33.3	18.1	8.88	10.1	8.34	5.748	5.448	16
17	0.9978	0.7838	0.8108	2.528	40.1	31.5	16.0	8.20	9.88	8.28	5.808	5.428	17
18	0.9888	0.7708	0.8308	2.708	38.7	29.7	16.9	10.3	9.18	8.28	5.888	5.388	18
19	1.02 B	0.7808	0.8358	2.908	38.1	27.8	15.8	11.6	8.84	8.31	5.828	4.948	19
20	1.03 B	0.8058	0.8858	3.108	37.8	26.8	14.8	13.9	8.34	8.11	8.188	4.448	20
21	1.01 B	0.8238	0.8808	3.308	37.5	24.3	16.0	18.3	8.42	8.06	6.708	4.388	21
22	0.9808	0.8558	0.8208	3.608	36.7	23.1	13.8	16.3	7.82	8.03	7.408	4.308	22
23	0.9408	0.8608	0.8508	3.908	35.3	21.4	12.7	17.7	7.36	8.018	7.808	4.448	23
24	0.9508	0.8558	0.8308	4.208	34.7	19.8	11.8	19.8	7.18	8.008	8.208	4.808	24
25	0.9908	0.8208	0.8208	4.608	33.8	18.2	11.2	21.8	6.84	8.018	8.808	4.888	25
26	1.07 B	0.8088	0.8188	4.88	33.1	18.5	10.6	22.5	8.70	8.038	8.388	5.008	26
27	1.08 B	0.8008	0.8408	5.07	32.1	18.5	11.2	22.8	6.68	4.888	8.108	4.888	27
28	0.9708	0.7908	0.8508	5.52	31.4	24.3	10.6	22.7	6.38	4.688	7.808	4.808	28
29	0.9008		0.8808	6.11	30.5	31.5	8.84	22.3	6.88	4.648	6.508	4.848	29
30	0.8388		1.03 B	6.67	29.9	34.4	8.17	21.7	6.71	4.808	6.808	4.808	30
31	0.7808		1.08 B		29.7		8.83	21.0		4.788		4.768	31
TOTAL	30.618	22.838	28.718	88.12	874.80	928.5	832.34	388.08	334.88	174.78	183.82	173.72	TOTAL
MEAN	0.988	0.818	0.882	2.84	31.4	30.8	20.4	12.8	11.2	5.64	5.13	5.67	MEAN
MAX	1.08	0.880	1.08	6.67	44.4	38.8	35.0	33.8	20.1	8.85	8.80	7.70	MAX
MIN	0.780	0.783	0.783	1.10	8.07	18.5	8.83	7.44	8.38	4.78	4.84	4.38	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.8
MAXIMUM DAILY, 44.4 ON MAY 13
MINIMUM DAILY, 0.7808 ON JAN 31
MAXIMUM INSTANTANEOUS,
44.8 AT 03:38 PST ON MAY 13

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 05 35 N
LONG 121 20 48 W
DRAINAGE AREA, 1 630 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 850	JUL	54 800
FEB	1 870	AUG	34 500
MAR	2 310	SEP	28 900
APR	7 350	OCT	15 100
MAY	54 200	NOV	15 900
JUN	80 000	DEC	14 900

TOTAL DISCHARGE, 343 000 dam³

MOFFAT CREEK NEAR HORSE[illegible] - STATION NO. 08KH018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.8008	0.8008	0.8008	1.00 B	11.8	5.20	3.85	0.513	3.13	0.720	1.408	3.608	1
2	0.8208	0.7008	0.8208	1.02 B	12.5	5.20	3.55	0.803	2.10	0.826	1.61	3.708	2
3	0.8208	0.8008	0.8408	1.00 B	12.8	5.60	3.14	0.770	2.10	0.807	2.27	3.608	3
4	0.8408	0.8008	0.8508	0.8808	13.2	5.81	2.88	1.80	2.11	0.808	10.4	3.408	4
5	0.8408	0.8008	0.8808	0.8808	11.6	5.41	2.71	1.85	1.88	0.883	20.1	3.208	5
6	0.8838	0.8208	0.8408	1.00 B	11.7	5.22	2.83	1.73	1.81	0.824	18.7	3.108	6
7	0.8708	0.8408	0.8808	1.05 B	12.4	5.00	2.44	1.88	1.73	0.803	12.8	3.008	7
8	0.8308	0.8808	0.8808	1.10 B	13.7	4.81	2.14	1.48	1.81	0.800	8.78	2.808	8
9	0.8308	0.8808	0.8808	1.30	14.2	4.81	1.97	1.47	1.47	0.888	5.15	2.608	9
10	0.8908	0.8008	0.9008	1.41	14.8	4.20	1.74	1.32	1.38	0.841	3.58	2.508	10
11	1.00 B	0.8008	0.8008	1.88	15.1	3.80	1.70	1.17	1.34	0.888	10.1	2.408	11
12	1.00 B	0.8008	0.8208	1.88	17.8	3.88	1.63	1.03	1.18	0.824	8.83	2.308	12
13	1.00 B	0.8208	0.8408	2.23	18.9	3.43	1.58	0.888	1.13	1.04	7.18	2.208	13
14	1.02 B	0.8408	0.8808	2.78	13.2	3.34	1.58	0.803	1.08	1.28	6.44	2.308	14
15	1.04 B	0.8808	0.8808	3.24	10.4	3.80	1.80	0.872	1.04	1.42	4.87	2.408	15
16	1.08 B	0.8428	1.00 B	3.80	8.95	4.18	1.80	1.14	1.03	1.40	4.308	2.308	16
17	1.08 B	0.8208	0.8808	4.21	8.81	4.88	1.88	1.10	1.00	1.41	4.808	2.208	17
18	1.08 B	0.8208	0.8808	3.88	11.3	4.88	1.71	1.07	0.988	1.38	5.08	2.158	18
19	1.04 B	0.8208	0.8808	4.41	12.1	4.27	1.88	1.04	0.974	1.31	5.87	2.158	19
20	1.00 B	0.8208	0.8808	5.48	13.8	3.84	1.67	1.00	0.988	1.37	5.81	2.108	20
21	0.8808	0.8808	1.00 B	8.41	13.7	4.03	1.38	1.08	0.888	1.28	8.17	3.008	21
22	0.8808	0.7408	1.01 B	10.8	11.3	4.12	1.33	1.73	0.887	1.26	8.20	1.808	22
23	0.8808	0.8008	1.02 B	10.8	9.43	4.00	1.18	4.07	1.03	1.22	5.008	1.608	23
24	0.8408	0.8008	1.03 B	9.60	7.88	3.83	1.03	4.77	0.988	1.18	4.808	1.708	24
25	0.8808	0.8208	1.04 B	8.80	7.03	3.18	1.03	4.81	0.837	1.32	4.808	1.708	25
26	0.8808	0.8008	1.05 B	8.07	7.30	2.87	0.833	4.04	0.811	1.28	4.808	1.808	26
27	0.8808	0.8408	1.05 B	8.14	7.88	2.88	0.668	3.81	0.882	1.41	4.408	1.808	27
28	0.8808	0.8008	1.08 B	8.84	7.74	3.33	0.778	3.01	0.837	1.80	4.408	2.208	28
29	0.8808		1.08 B	8.81	8.88	3.87	0.732	2.82	0.808	1.46 B	4.338	2.208	29
30	0.8208		1.08 B	10.7	8.84	3.86	0.818	2.38	0.748	1.40 B	4.008	2.108	30
31	0.8008		1.08 B		8.13		0.888	2.12		1.38 B		2.008	31
TOTAL	30.343	18.712	29.878	138.830	348.83	135.78	63.248	57.318	38.188	33.778	205.48	78.80	TOTAL
MEAN	0.978	0.888	0.964	4.88	11.2	4.18	1.72	1.88	1.27	1.08	6.85	2.44	MEAN
MAX	1.08	0.830	1.08	10.8	17.8	5.81	3.88	4.77	2.13	1.80	20.1	3.60	MAX
MIN	0.800	0.800	0.800	0.880	8.13	2.87	0.888	0.813	0.748	0.888	1.40	1.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.16
MAXIMUM DAILY, 20.1 ON NOV 6
MINIMUM DAILY, 0.8008 ON FEB 4
MAXIMUM INSTANTANEOUS,
21.7 AT 20:48 PST ON NOV 6

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 18 50 N
LONG 131 24 20 W
DRAINAGE AREA, 838 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 830	JUL	4 800
FEB	1 820	AUG	4 950
MAR	2 880	SEP	3 300
APR	12 100	OCT	2 830
MAY	28 800	NOV	17 600
JUN	10 800	DEC	8 520

TOTAL DISCHARGE, 99 700 dam³

MONTE CREEK ABOVE MONTE LAKE DIVERSION - STATION NO. 08LE103

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0808	3.59	1.67	0.318	0.082	0.110	---	---	---	1
2	---	---	---	0.0818	3.55	1.30	0.328	0.112	0.224	---	---	---	2
3	---	---	---	0.0828	3.01	1.37	0.708	0.114	0.180	---	---	---	3
4	---	---	---	0.0838	2.80	1.02	0.188	0.086	0.126	---	---	---	4
5	---	---	---	0.0838	2.83	0.782	0.178	0.084	0.126	---	---	---	5
6	---	---	---	0.082	2.88	0.675	0.163	0.080	0.108	---	---	---	6
7	---	---	---	0.155	2.55	0.589	0.140	0.075	0.104	---	---	---	7
8	---	---	---	0.148	2.32	0.520	0.135	0.087	0.098	---	---	---	8
9	---	---	---	0.185	1.93	0.478	0.123	0.088	0.088	---	---	---	9
10	---	---	---	0.223	1.87	0.420	0.148	0.083	0.082	---	---	---	10
11	---	---	---	0.274	1.85	0.381	0.180	0.087	0.078	---	---	---	11
12	---	---	---	0.321	1.37	0.348	0.138	0.088	0.078	---	---	---	12
13	---	---	---	0.381	1.12	0.338	0.138	0.083	0.072	---	---	---	13
14	---	---	---	0.841	0.971	0.328	0.125	0.086	0.070	---	---	---	14
15	---	---	---	1.12	0.926	0.320	0.538	0.084	0.087	---	---	---	15
16	---	---	---	0.971	0.837	0.280	0.420	0.203	0.078	---	---	---	16
17	---	---	---	0.926	0.884	0.261	0.282	0.238	0.080	---	---	---	17
18	---	---	---	1.07	0.971	0.230	0.248	0.185	0.077	---	---	---	18
19	---	---	---	1.72	0.868	0.230	0.224	0.183	0.074	---	---	---	19
20	---	---	---	1.84	0.805	0.231	0.208	0.140	0.087	---	---	---	20
21	---	---	---	2.74	0.771	0.203	0.170	0.120	0.088	---	---	---	21
22	---	---	---	2.31	0.771	0.212	0.183	0.112	0.084	---	---	---	22
23	---	---	---	1.93	0.805	0.194	0.163	0.106	0.088	---	---	---	23
24	---	---	---	1.88	1.42	0.178	0.143	0.088	0.083	---	---	---	24
25	---	---	---	2.34	1.80	0.170	0.126	0.084	0.081	---	---	---	25
26	---	---	---	2.20	1.86	0.163	0.120	0.104	0.080	---	---	---	26
27	---	---	---	2.29	3.47	0.155	0.118	0.088	0.088	---	---	---	27
28	---	---	---	3.51	3.89	0.155	0.114	0.080	0.080	---	---	---	28
29	---		---	3.01	3.43	0.155	0.104	0.078	0.081	---	---	---	29
30	---		---	2.82	2.38	0.333	0.104	0.078	0.083	---	---	---	30
31	---		---		2.04		0.084	0.084		---		---	31
TOTAL	---	---	---	35.785	88.178	13.972	5.738	3.127	2.885	---	---	---	TOTAL
MEAN	---	---	---	1.18	1.81	0.462	0.185	0.101	0.088	---	---	---	MEAN
MAX	---	---	---	3.82	3.89	1.87	0.838	0.238	0.224	---	---	---	MAX
MIN	---	---	---	0.080	0.771	0.183	0.084	0.087	0.078	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 3.82 ON APR 30

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 31 32 N
LONG 119 51 08 W
DRAINAGE AREA, 84.3 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	488
FEB	---	AUG	370
MAR	---	SEP	323
APR	3 080	OCT	---
MAY	5 110	NOV	---
JUN	1 170	DEC	---

MOOSE RIVER NEAR RED PASS - STATION NO. 08KA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.618	1.538	1.138	1.208	16.5	52.3	34.5	34.5	13.0	7.15	3.84	2.728	1
2	1.628	1.428	1.118	1.218	16.5	59.6	26.5	48.1	12.1	6.83	3.96	2.748	2
3	1.638	1.388	1.108	1.238	16.8	58.8	28.8	47.0	11.8	6.72	3.88	2.758	3
4	1.648	1.338	1.088	1.248	16.8	66.4	28.7	38.7	18.1	6.77	3.88	2.748	4
5	1.648	1.308	1.088	1.268	22.7	77.4E	27.7	35.8	12.6	6.81	3.88	2.708	5
6	1.648	1.288	1.108	1.288	26.6	80.7E	26.2	35.0	10.8	6.46	3.87	2.688	6
7	1.638	1.288	1.118	1.278	31.6	82.8E	27.7	36.2	12.3	6.17	3.53	2.608	7
8	1.628	1.268	1.148	1.308	32.6	84.7E	30.3	36.3	11.7	4.81	3.46	2.508	8
9	1.628	1.278	1.148	1.318	35.3	87.1E	30.6	34.5	10.0	4.70	4.41	2.408	9
10	1.638	1.278	1.138	1.318	39.6	88.7E	33.1	31.8	8.47	5.80	7.81	2.308	10
11	1.648	1.288	1.138	1.328	38.7	86.8E	34.3	29.8	10.1	5.51	5.008	2.268	11
12	1.668	1.268	1.138	1.338	39.7	78.0E	37.1	29.6	12.2	5.13	4.008	2.208	12
13	1.648	1.248	1.138	1.378	38.6	69.0E	43.2	31.1	13.6	4.81	3.508	2.208	13
14	1.638	1.258	1.138	1.428	34.2	85.0E	54.0	28.2	13.3	4.13	3.008	2.228	14
15	1.628	1.248	1.138	1.488	24.6	72.3A	50.6	30.2	11.6	3.97	2.808	2.238	15
16	1.608	1.238	1.128	1.588	28.3	48.1	46.6	30.0	10.1	3.508	2.618	2.208	16
17	1.488	1.228	1.138	1.648	28.6	37.2	38.3	33.4	8.16	3.538	2.688	2.188	17
18	1.478	1.218	1.138	1.608	27.0	30.5	37.4	29.5	6.88	4.93	2.908	2.108	18
19	1.478	1.208	1.138	1.578	23.6	28.0	38.0	28.7	8.05	5.70	2.908	2.088	19
20	1.488	1.188	1.128	2.158	20.8	23.0	38.0	27.0	6.23	4.84	2.878	1.988	20
21	1.418	1.188	1.148	2.388	19.0	23.1	37.8	31.8	5.41	5.53	2.858	1.908	21
22	1.388	1.208	1.148	2.858	17.0	30.8	31.5	33.2	7.73	5.04	2.828	1.848	22
23	1.338	1.198	1.148	2.818	16.4	28.5	28.5	28.7	9.70	5.67	2.658	1.808	23
24	1.348	1.178	1.158	3.288	17.3	40.5	25.4	27.3	10.1	5.48	2.628	1.828	24
25	1.368	1.188	1.188	3.698	17.5	40.4	24.1	25.8	10.0	5.50	2.638	1.848	25
26	1.348	1.158	1.178	5.71	19.0	40.5	25.8	23.7	10.8	5.14	2.648	1.888	26
27	1.368	1.148	1.188	8.30	16.2	41.3	30.6	21.2	10.7	4.85	2.658	1.858	27
28	1.438	1.148	1.188	8.08	17.4	30.8	31.5	18.5	10.8	4.238	2.698	1.878	28
29	1.548		1.188	11.3	19.1	24.8	31.6	13.6	11.3	4.218	2.678	1.888	29
30	1.838		1.188	14.2	25.7	28.0	33.8	12.7	11.7	4.21	2.708	1.848	30
31	1.808		1.208		38.0		35.5	12.8		4.10		1.828	31
TOTAL	48.01	34.88	38.28	88.34	748.0	1 848.8	1 081.7	824.7	315.88	187.77	101.84	88.02	TOTAL
MEAN	1.48	1.25	1.14	2.87	24.2	61.6	33.8	28.8	10.5	5.08	3.40	2.18	MEAN
MAX	1.82	1.83	1.20	14.2	38.8	88.0	84.0	48.1	18.1	7.15	7.81	2.75	MAX
MIN	1.33	1.14	1.08	1.20	16.4	23.0	24.1	12.8	8.05	3.80	2.82	1.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.0
MAXIMUM DAILY, 88.02 ON JUN 14
MINIMUM DAILY, 1.080 ON MAR 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 55 13 N
LONG 118 48 00 W
DRAINAGE AREA, 488 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 880	JUL	80 800
FEB	3 020	AUG	78 800
MAR	3 080	SEP	27 300
APR	7 710	OCT	13 800
MAY	84 700	NOV	8 810
JUN	134 000	DEC	8 880

TOTAL DISCHARGE, 443 000 dam³

MORE CREEK NEAR THE MOUTH - STATION NO. 08CG005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.15B	7.60B	6.85B	6.81	31.0E	139	138	150	87.0E	47.0E	17.8	12.5 E	1
2	7.85B	7.70B	6.70B	6.87	33.0E	112	164	141	83.0E	82.0E	20.2	12.4 E	2
3	7.80B	7.70B	6.80B	6.85	34.0E	113	183	128	95.0E	107	25.3	12.4 E	3
4	7.80B	7.70B	6.85B	6.87	34.0E	148	147	141	104 A	81.2	24.5	12.0 E	4
5	7.30B	7.70B	7.00B	6.51	33.0E	161	134	123	85.6	58.6	22.0	12.3 E	5
6	7.06B	7.70B	6.90B	6.51A	34.0E	130	131	114	83.8	51.8A	20.5	12.2 E	6
7	6.85B	7.60B	6.70B	6.30E	36.0E	118	157	111	110	84.8	19.3	11.7 E	7
8	6.70B	7.47B	6.45B	6.18E	41.0E	117	181	104	108	89.2	16.2	11.2 E	8
9	6.85B	7.30B	6.20B	6.31E	43.5E	124	178	97.1	85.4	71.0	18.1	10.8 E	9
10	6.85B	7.30B	6.05B	6.80E	42.1E	129	178	107	78.1	66.4A	18.0	10.8 E	10
11	6.70B	7.35B	6.00B	6.85E	43.3A	134	198	138	73.7	58.0E	16.8	10.8 E	11
12	6.80B	7.40B	6.00B	6.50E	38.7	142	208	146	72.0	51.8E	16.3	10.8 E	12
13	6.90B	7.40B	6.00B	7.00E	36.1	147	186	158	83.7	44.0E	17.2A	11.5 E	13
14	7.00B	7.35B	6.00B	7.60E	33.8	182	159	147	84.8A	38.0E	20.0E	12.0 E	14
15	7.05B	7.10B	6.00B	8.20E	40.3	144	141	138	87.3A	34.0E	31.0E	12.8 E	15
16	7.03B	6.85B	6.05B	8.90E	49.8	111	121	181	82.0E	31.0E	42.0E	12.1 E	16
17	7.00B	6.85B	6.05B	9.60E	37.2	103	118	150	88.0E	31.4E	28.0E	11.7 E	17
18	7.00B	6.80B	6.05B	10.8 E	34.2	108	127	131	92.0E	31.8E	18.0E	11.2 E	18
19	6.85B	6.85B	6.00B	11.6 E	33.6	80.3	122	128	80.0E	28.8E	15.0E	10.8 E	19
20	6.90B	6.90B	5.95B	12.5 E	32.2	73.7	122	133 A	68.8A	26.0E	14.1E	10.0 E	20
21	6.85B	7.00B	5.95B	13.8 E	32.4	78.8	110	130 E	90.1	26.0E	13.8E	9.80E	21
22	6.90B	7.25B	5.90B	16.0 E	39.6	83.6	109	143 A	102	24.0E	13.0E	9.60E	22
23	7.10B	7.30B	5.85B	17.6 E	43.7	84.7	103	124 A	102	22.8E	12.8E	9.80E	23
24	8.00B	7.20B	5.85B	16.8 E	46.0	130	110	130 E	70.8	21.0E	12.8E	10.7 E	24
25	9.70B	6.95B	5.85B	20.0 E	45.8	150	111	124 E	68.4	20.0E	14.0E	11.8 E	25
26	9.60B	6.75B	5.85B	21.1 E	43.6	115	114	122 E	71.8	19.0E	17.3E	14.2 E	26
27	8.20B	6.65B	5.84B	23.4 E	48.0	118	126	125 E	80.6	18.3E	20.0E	15.3 E	27
28	6.90B	6.60B	5.84	25.0 E	86.6	128	153	124 E	82.4	17.8E	18.8E	14.1 E	28
29	6.40B		5.72	28.5 E	83.5	133	144	122 E	88.2	16.9E	13.3E	12.8 E	29
30	6.05B		5.66	29.5 E	124	141	142	108 A	97.3A	16.0E	12.8E	12.0 E	30
31	7.90B		5.87		141		154	84.0E		16.1A		11.8 E	31
TOTAL	232.85	202.62	180.58	358.46	1 485.1	3 883.3	4 488	3 880.1	2 328.7	1 280.2	583.8	384.30	TOTAL
MEAN	7.50	7.24	6.15	11.8	47.3	123	144	128	77	41.3	18.8	11.7	MEAN
MAX	9.70	7.80	7.00	29.5	141	182	208	158	110	107	42.0	15.2	MAX
MIN	6.85	6.60	5.85	5.15	31.0	72.7	103	84.0	62.0	16.0	12.8	9.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 52.4
MAXIMUM DAILY, 208 ON JUL 12
MINIMUM DAILY, 5.15E ON APR 8
MAXIMUM INSTANTANEOUS,
236 AT 23:45 PST ON JUL 12

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 02 27 N
LONG 130 24 05 W
DRAINAGE AREA, 844 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	20 100	JUL	388 000
FEB	17 600	AUG	344 000
MAR	18 600	SEP	201 000
APR	31 000	OCT	111 000
MAY	127 000	NOV	48 700
JUN	318 000	DEC	31 600

TOTAL DISCHARGE, 1 650 000 dam³

MORICE RIVER NEAR HOUSTON - STATION NO. 08ED002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	33.0	28.0	19.3	12.9	39.5	187	185	115	85.4	88.0	47.3	90.4	1
2	32.4	27.6	19.3	13.0	38.5	182	183	117	83.0	86.4	47.1	93.0	2
3	31.8	27.1	19.2	12.8	43.7	198	182	117	80.5	87.8	48.5	97.2	3
4	31.2	26.7	19.1	12.7	52.8	207	180	118	80.7	87.2	54.1	101	4
5	30.8	26.4	19.1	12.5	62.0	222	188	115	78.2	86.2	57.0	102	5
6	30.8	25.8	19.2	12.7	73.8	233	183	114	76.0	84.8	58.2	101	6
7	30.2	26.3	19.1	12.8	86.8	240	168	113	78.1	84.8	58.8	100	7
8	29.8	26.3	18.8	12.3	102	242	168	111	74.2	83.7	60.8	97.4	8
9	29.5	24.8	17.8	12.3	118	244	166	108	73.8	84.0	63.6	94.7	9
10	29.1	25.0	18.8	12.1	127	244	162	104	73.2	83.9	66.0	90.8	10
11	28.9	25.1	18.7	12.0	133	245	163	102	72.2	83.8	68.6	87.2	11
12	28.6	24.8	18.7	11.7	134	248	164	99.4	71.4	82.8	69.8	83.4	12
13	28.1	24.7	18.7	11.7	133	251	168	99.4	70.8	80.4	69.7	80.4	13
14	28.1	24.7	18.6	11.8	132	255	167	98.3	69.6	80.2	69.1	78.4	14
15	28.4	24.7	18.2	11.8	131	253	167	98.3	68.3	80.8	68.2	75.2	15
16	28.5	25.0	18.8	11.8	132	248	166	97.1	67.1	84.4	67.8	72.8	16
17	28.7	25.1	18.6	11.8	133	235	162	97.0	68.2	84.4	68.7	70.0	17
18	28.8	24.8	18.6	11.8	133	223	158	94.0	68.1	84.3	76.8	68.1	18
19	28.8	24.8	18.6	11.8	133	211	157	94.8	83.2	84.0	88.8	65.8	19
20	30.0	24.9	18.4	12.1	131	198	154	89.0	83.8	87.8	110	63.8	20
21	30.0	24.8	14.9	12.4	128	187	131	101	83.7	87.7	118	61.8	21
22	29.2	24.1	14.8	13.1	128	180	127	100	84.8	86.8	114	61.3	22
23	28.1	23.7	14.8	13.8	126	174	123	98.0	85.8	85.7	113	61.1	23
24	29.0	21.8	14.2	14.2	122	174	120	98.7	85.2	85.3	108	61.8	24
25	29.0	19.4	13.9	15.2	122	178	118	94.1	84.3	84.8	106	58.7	25
26	28.8	19.3	13.6	16.3	121	180	114	91.8	84.0	84.3	101	73.8	26
27	28.7	19.3	13.6	17.8	121	178	115	90.3	83.8	83.3	98.8	80.8	27
28	28.7	19.3	13.7	19.8	123	174	115	89.0	83.1	81.2	96.0	84.3	28
29	30.2		13.6	21.7	127	170	115	88.0	83.4	80.7	95.0	85.5	29
30	29.8		13.3	25.2	127	168	114	88.6	88.8	48.8	92.8	85.5	30
31	29.2		13.2		181		115	88.4		48.2		84.8	31
TOTAL	920.0	681.2	501.8	413.0	3 488.0	6 303	4 288	3 148.8	2 103.4	1 827.7	2 370.4	2 519.0	TOTAL
MEAN	29.7	24.3	16.2	13.8	111	210	138	101	70.1	59.0	78.0	81.3	MEAN
MAX	33.0	28.0	19.3	25.2	181	255	185	117	86.4	88.0	118	102	MAX
MIN	28.1	19.3	13.3	11.8	39.5	168	114	88.4	82.1	48.2	47.1	61.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 78.1
MAXIMUM DAILY, 255 ON JUN 14
MINIMUM DAILY, 11.8 ON APR 18
MAXIMUM INSTANTANEOUS,
258 AT 11:34 PST ON JUN 14

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 07 05 N
LONG 127 25 26 W
DRAINAGE AREA, 1 910 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	79 600	JUL	389 000
FEB	68 900	AUG	272 000
MAR	43 300	SEP	182 000
APR	35 700	OCT	156 000
MAY	299 000	NOV	205 000
JUN	545 000	DEC	218 000

TOTAL DISCHARGE, 2 470 000 dam³

MOSLEY CREEK NEAR DUMBELL LAKE - STATION NO. 08GD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.10B	10.5 B	4.82B	5.70B	42.3	135	81.5	185	83.8	40.5	15.5	15.9	1
2	7.38B	10.0 B	4.75B	5.70B	44.1	126	76.9	141	78.8	34.7	15.5	35.8	2
3	7.10B	9.50B	4.62B	5.80B	46.6	134	75.8	132	76.2	34.3	18.7	42.1	3
4	6.80B	9.10B	4.55B	5.86	49.5	144	73.1	139	82.2	36.4	24.1	40.5	4
5	6.54B	8.70B	4.58B	6.03	52.5	158	74.6	141	88.3	36.2	20.2	30.0	5
6	8.20B	8.40B	4.80B	7.05	56.2	149	78.2	143	87.6	35.5	16.7	25.6	6
7	8.00B	8.10B	4.72B	7.83	61.2	141	78.0	147	84.8	36.5	17.8	24.4	7
8	8.08B	7.80B	4.80B	7.18	66.0	135	80.3	145	87.3	34.8	18.6	23.5	8
9	8.20B	7.30B	5.20B	7.03	67.3	126	92.6	130	77.2	39.0	55.7	21.3	9
10	8.40B	7.00B	5.80B	7.11	64.7	130	112	104	68.2	41.0	76.9	19.1	10
11	8.80B	6.80B	5.58B	8.00	53.8	148	120	87.2	68.7	33.3	47.0	18.3	11
12	8.80B	6.80B	5.40B	9.82	45.2	158	124	85.0	77.7	27.1	33.5	18.3	12
13	7.20B	6.40B	5.25B	10.8	41.7	163	154	91.6	80.8	22.2	28.8	17.3	13
14	6.60B	6.20B	5.10B	16.4	41.9	161	153	86.7	76.5	19.7	25.5	16.8	14
15	6.80B	6.00B	4.85B	20.7	44.1	133	144	82.7	63.2	18.0	23.3	16.2	15
16	7.00B	5.80B	4.90B	17.7	46.4	111	130	120	51.6	17.0	21.8	15.6	16
17	7.60B	5.60B	4.82B	16.4	47.7	95.4	117	137	41.8	18.8	20.6	16.1	17
18	7.60B	5.80B	4.82B	15.3	41.8	80.9	112	154	37.5	50.4	21.7	14.8	18
19	7.25B	5.80B	4.92B	17.6	36.8	70.9	112	153	37.4	40.9	28.3	13.8	19
20	7.30B	5.97B	5.00B	23.0	34.2	68.1	107	145	40.0	31.1	27.0	13.4	20
21	7.40B	6.30B	5.10B	21.5	32.8	85.3	103	139	45.4	27.8	24.2	11.9	21
22	6.80B	6.42B	5.30B	17.6	32.6	87.2	92.1	115	52.8	26.0	22.3	13.6	22
23	6.40B	6.20B	5.42B	16.4	32.9	88.6	92.9	102	57.4	23.8	22.1	13.2	23
24	6.40E	5.80B	5.20B	15.8	32.9	120	82.2	103	57.8	26.9	21.1	12.8	24
25	6.60B	5.60B	5.15B	18.8	35.7	151	104	108	56.9	24.1	19.3	12.7	25
26	7.00B	5.40B	5.30B	20.4	35.6	145	113	101	52.6	24.7	17.7	13.9	26
27	7.30B	5.25B	5.80B	21.0	34.1	108	118	88.0	58.7	21.0	16.7	14.6	27
28	7.00B	5.10B	5.98B	24.1	34.0	88.6	111	94.6	59.0	18.5	16.9	13.5	28
29	8.00B		6.80B	30.6	36.2	78.4	117	94.6	62.3	17.6	16.4	13.1	29
30	18.5 B		8.75B	37.9	52.7	84.4	140	101	53.3	18.9	16.9	13.0	30
31	12.5 B		8.73B		77.6		158	96.9		15.9		13.9	31
TOTAL	231.83	193.74	159.45	445.41	1 423.2	3 540.7	3 335.0	3 885.7	1 818.3	891.9	782.6	583.9	TOTAL
MEAN	7.47	8.82	5.14	14.8	45.9	118	108	119	63.9	28.8	25.1	18.8	MEAN
MAX	18.5	10.5	8.85	37.9	77.6	163	185	185	87.3	50.4	76.9	42.1	MAX
MIN	6.00	5.10	4.85	5.70	32.6	85.3	73.1	82.7	37.4	15.9	15.5	11.8	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 47.0
MAXIMUM DAILY, 185 ON AUG 1
MINIMUM DAILY, 4.85B ON MAR 4
MAXIMUM INSTANTANEOUS,
178 AT 21:42 PST ON JUL 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 24 31 N
LONG 124 55 34 W
DRAINAGE AREA, 1 550 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	20 000	JUL	288 000
FEB	16 700	AUG	318 000
MAR	13 800	SEP	168 000
APR	38 500	OCT	77 100
MAY	123 000	NOV	68 000
JUN	306 000	DEC	50 400

TOTAL DISCHARGE, 1 480 000 dam³

MOYIE RIVER ABOVE NEGRO CREEK - STATION NO. 08NH120

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.730B	0.520B	0.441	0.471	14.8	22.2	3.78	0.588	0.586	0.311	0.680B	1.95 B	1
2	0.730B	0.440B	0.444	0.480	17.1	26.3	3.64	0.578	0.588	0.303	0.695B	1.96 B	2
3	0.800B	0.400B	0.442	0.481	17.3	28.6	3.32	0.558	0.586	0.301	0.713	2.10 B	3
4	0.830B	0.370B	0.433	0.484	18.5	28.8	3.08	0.603	0.550	0.299	0.805	2.35 B	4
5	0.840B	0.372B	0.420	0.494	21.8	28.2	2.75	0.550	0.564	0.289	0.789	2.62 B	5
6	0.700B	0.378B	0.427	0.631	27.0	27.3	2.52	0.508	1.00	0.286	0.748	2.50 B	6
7	0.580B	0.384B	0.427	1.18	37.4	24.7	2.34	0.488	0.786	0.288	0.748	2.00 B	7
8	0.600B	0.383B	0.411	1.44	37.8	21.8	2.14	0.458	0.662	0.288	0.748	1.60 B	8
9	0.610B	0.400B	0.418	1.84	38.8	20.7	2.01	0.470	0.605	0.278	2.82	1.30 B	9
10	0.623B	0.412B	0.484	1.83	38.4	18.8	2.17	0.608	0.581	0.276	18.2	1.05 B	10
11	0.642B	0.422B	0.893	1.18	31.9	16.7	2.11	0.488	0.574	0.345	19.1	1.02 B	11
12	0.663B	0.430B	0.875	1.35	23.4	15.1	1.81	0.432	0.588	0.344	9.76	0.880B	12
13	0.800B	0.436B	0.833	2.05	16.8	14.2	2.46	0.557	0.553	0.586	7.02	0.970B	13
14	0.842B	0.439B	0.844	3.28	16.7	13.8	2.66	0.508	0.531	1.12	5.40	0.860B	14
15	0.680B	0.436B	0.834	5.16	16.8	13.3	2.12	0.484	0.493	0.808	4.00 B	1.00 B	15
16	0.720B	0.425B	0.481	8.70	16.0	14.3	1.83	0.503	0.487	0.618	3.82 B	0.990B	16
17	0.730B	0.420B	0.489	8.66	21.1	12.5	1.70	0.508	0.483	0.488	3.80 B	0.970B	17
18	0.728B	0.421B	0.481	8.77	24.3	10.2	1.58	0.548	0.481	0.448	3.41	0.955B	18
19	0.705B	0.430B	0.468	8.33	17.4	10.6	1.40	0.487	0.481	0.438A	3.38	0.930B	19
20	0.680B	0.440B	0.448	11.8	14.8	9.37	1.29	0.433	0.434	0.498	3.40	0.918B	20
21	0.640B	0.448B	0.451	18.8	14.2	7.88	1.21	0.488	0.408	1.88	4.57	0.885B	21
22	0.590B	0.452	0.438	18.3	15.0	8.07	1.12	0.868	0.395	2.38	3.06 B	0.810B	22
23	0.550B	0.447	0.447	13.4	18.8	8.43	1.06	0.851	0.380	1.86	2.70 B	0.680B	23
24	0.528B	0.448	0.458	11.1	16.8	8.07	0.985	0.831	0.382	2.12	2.70 B	0.685B	24
25	0.530B	0.438	0.456	10.6	14.1	8.82	0.951	0.871	0.381	1.88	2.85 B	0.630B	25
26	0.538B	0.441	0.480	10.1	13.8	8.20	0.932	0.937	0.350	1.31	2.30 B	0.808B	26
27	0.548B	0.437	0.507	9.38	18.1	8.37	0.901	1.21	0.343	1.18	2.10 B	0.800B	27
28	0.582B	0.438	0.508	8.36	17.4	4.88	0.808	1.28	0.333	1.08	2.45 B	0.810B	28
29	0.568B		0.484	8.81	13.9	4.22	0.731	0.863	0.328	0.906	2.25 B	0.760B	29
30	0.606B		0.486	11.0	14.0	3.83	0.691	0.793	0.318	0.883	2.00 B	0.780B	30
31	0.740B		0.476		18.8		0.642	0.887		0.710B		0.745B	31
TOTAL	19.806	11.818	14.892	176.781	639.3	430.12	58.881	19.193	16.210	23.781	115.394	38.103	TOTAL
MEAN	0.638	0.428	0.480	5.89	20.6	14.3	1.83	0.619	0.540	0.767	3.85	1.23	MEAN
MAX	0.830	0.520	0.875	18.8	38.4	28.6	3.78	1.28	1.00	2.38	18.2	2.62	MAX
MIN	0.500	0.370	0.411	0.494	13.8	3.83	0.642	0.432	0.318	0.276	0.890	0.745	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.26
MAXIMUM DAILY, 38.4 ON MAY 10
MINIMUM DAILY, 0.276 ON OCT 10
MAXIMUM INSTANTANEOUS,
47.7 AT 21:43 MST ON MAY 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 25 30 N
LONG 115 58 28 W
DRAINAGE AREA, 240 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 710	JUL	4 900
FEB	1 030	AUG	1 880
MAR	1 280	SEP	1 400
APR	10 200	OCT	3 090
MAY	95 200	NOV	9 870
JUN	37 200	DEC	3 290

TOTAL DISCHARGE, 135 000 dam³

MOVIE RIVER AT EASTPORT - STATION NO. 08NH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.188	4.25	2.638	7.75	71.6	89.5	16.8	3.88	3.88	2.12	3.37	8.10	1
2	4.388	1.708	2.328	7.58	97.4	86.3	14.1	3.84	4.02	2.07	3.43	7.78	2
3	4.638	1.678	2.248	7.11	104	86.5	13.3	3.48	3.88	2.07	3.40	7.88	3
4	4.678	1.708	2.218	8.85	104	86.6	12.5	3.34	3.77	2.07	4.28	8.80	4
5	4.638	1.788	2.248	8.10	112	89.1	11.6	3.28	3.88	2.04	4.18	10.8	5
6	4.388	1.648	2.298	11.9	128	89.8	10.9	3.14	3.71	1.98	3.74	13.6	6
7	4.118	1.958	2.448	16.8	180	88.0	10.2	3.08	3.82	1.98	4.02	12.2	7
8	3.868	2.048	2.88	20.8	187	84.3	9.57	3.03	3.84	1.98	3.88	11.9	8
9	3.288	2.128	3.78	17.9	184	80.9	9.08	3.28	3.81	1.83	4.88	11.4	9
10	3.118	2.278	3.74	16.2	158	88.4	8.81	3.77	3.43	1.93	12.8	10.2	10
11	3.288	2.388	3.88	16.3	143	82.4	8.84	3.28	3.34	2.04	33.4	9.12	11
12	3.408	2.488	4.80	16.0	122	48.1	8.13	3.06	3.38	2.01	28.3	8.84	12
13	3.868	2.638	5.35	21.0	107	44.5	8.78	3.11	3.11	2.10	23.1	8.88	13
14	3.818	2.558	5.88	27.4	84.5	41.8	8.88	3.23	3.03	2.83	20.4	8.82	14
15	4.188	2.588	5.84	38.1	88.3	39.8	8.44	3.20	2.92	2.82	17.8	8.27	15
16	4.268	2.528	5.24	48.1	83.5	38.4	7.80	3.17	2.82	2.32	16.8	7.82	16
17	4.388	2.488	4.80	43.8	86.5	36.6	7.42	3.11	2.78	2.24	16.3	7.58	17
18	4.388	2.448	4.62	42.8	90.8	33.4	7.16	3.08	2.74	2.24	14.0	7.18	18
19	4.398	2.388	4.80	50.4	82.7	32.3	6.85	2.94	2.80	2.21	13.8	8.68	19
20	4.388	2.328	4.42	84.8	72.8	30.8	6.63	2.88	2.88	2.27	14.3	8.71	20
21	4.388	2.388	4.53	88.1	67.1	27.8	6.24	3.06	2.81	3.11	15.1	8.46	21
22	3.838	2.278	4.70	105	63.7	26.8	5.88	3.26	2.82	4.28	14.0	8.238	22
23	3.548	2.328	4.73	94.0	59.4	24.2	5.62	3.28	2.48	3.74	13.1	8.868	23
24	3.408	2.448	4.84	85.8	58.1	22.6	5.27	3.74	2.48	4.38	13.0	8.608	24
25	3.348	2.858	5.24	77.3	82.8	21.1	5.01	4.88	2.36	4.04	12.1	8.888	25
26	3.348	2.858	5.46	70.2	86.8	22.2	4.84	4.87	2.38	3.88	11.2	8.618	26
27	3.458	3.808	7.53	65.7	88.0	20.4	4.62	5.27	2.32	4.02	10.8	8.88	27
28	3.628	3.728	8.18	59.8	81.7	18.8	4.38	5.78	2.21	3.82	10.0	8.47	28
29	3.388		7.88	57.2	86.4	17.2	4.08	4.87	2.18	3.71	9.08	8.36	29
30	3.868		7.70	61.4	83.2	16.8	3.84	4.38	2.18	3.82	8.24	8.18	30
31	4.388		7.82		83.8		3.88	4.11		3.61		8.10	31
TOTAL	131.84	88.88	144.21	1 271.71	2 877.8	1 288.3	348.12	112.01	90.44	88.78	380.84	250.83	TOTAL
MEAN	3.83	2.38	4.85	42.4	92.8	42.2	8.00	3.81	3.01	2.73	12.8	8.08	MEAN
MAX	4.87	4.25	8.18	105	158	89.8	14.8	8.78	4.02	4.38	33.4	18.2	MAX
MIN	3.11	1.87	2.21	8.85	83.2	16.8	3.84	2.88	2.18	1.83	3.37	8.10	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.8
MAXIMUM DAILY, 188 ON MAY 10
MINIMUM DAILY, 1.678 ON FEB 3
MAXIMUM INSTANTANEOUS,
188 AT 01:00 PST ON MAY 6

SUMMARY FOR THE YEAR 1988

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 58 55 N
LONG 118 10 43 W
DRAINAGE AREA, 1 480 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 800	JUL	21 400
FEB	5 700	AUG	9 880
MAR	12 800	SEP	7 810
APR	110 000	OCT	7 320
MAY	248 000	NOV	31 200
JUN	109 000	DEC	21 600

TOTAL DISCHARGE, 595 000 dam³

MURRAY RIVER ABOVE WOLVERINE RIVER - STATION NO. 07FB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.1 B	7.608	8.858	8.808	82.8	287	111	44.8	42.7	38.4	35.7	39.8	1
2	10.2 B	7.608	8.808	8.708	88.1	282	108	45.8	40.8	31.8	34.8	38.7	2
3	10.3 B	7.968	7.908	8.808	88.8	286	107	83.8	37.8	38.8	36.2	46.2	3
4	10.2 B	8.008	7.208	7.088	112	258	104	83.2	38.8	34.8	81.8	80.8	4
5	8.808	7.858	7.188	7.308	131	281	101	48.1	38.8	34.8	81.8	48.7	5
6	8.858	8.008	7.108	7.308	173	284	84.7	45.7	41.3	24.8	48.3	45.08	6
7	8.808	8.188	7.228	7.808	231	249	85.7	45.8	40.2	24.1	45.8	41.08	7
8	8.808	8.258	7.308	7.408	260	208	81.3	44.1	38.7	22.8	45.1	37.58	8
9	8.808	8.408	7.388	8.008	274	280	103	43.7	37.7	22.8	42.4	32.58	9
10	10.2 B	8.368	8.908	8.308	278	343	114	81.1	33.8	24.8	83.8	28.88	10
11	10.7 B	8.208	8.858	8.858	271	280	112	48.8	31.3	28.8	80.8	28.08	11
12	10.8 B	8.008	8.708	8.208	212	288	104	81.8	31.1	27.1	81.7	31.08	12
13	10.4 B	7.808	8.808	8.708	188	255	88.7	82.0	31.1	28.1	81.2	31.88	13
14	8.808	7.708	8.808	10.8 B	138	248	83.8	81.7	30.8	24.1	48.08	29.88	14
15	8.308	7.808	8.788	10.8 B	140	288	83.4	88.1	28.3	22.8	40.08	27.88	15
16	8.408	7.208	8.858	11.4 B	147	217	82.7	88.1	27.8	21.8	38.88	28.08	16
17	8.608	7.208	8.608	13.0 B	188	187	87.8	87.7	26.2	20.1	37.88	21.88	17
18	8.808	7.458	8.888	13.2 B	158	141	80.8	88.8	27.4	22.8	43.8	18.88	18
19	8.788	7.808	8.788	14.8 B	138	124	78.8	84.8	26.4	87.8	135	17.88	19
20	8.808	7.808	8.858	18.8 B	123	107	71.3	82.1	30.8	88.3	137	18.88	20
21	8.808	7.858	7.008	18.8 B	113	88.0	88.8	87.1	37.7	83.3	101	30.08	21
22	8.188	8.008	7.108	17.8 B	88.8	88.8	88.7	88.8	43.8	88.8	84.08	23.88	22
23	8.188	7.808	7.008	16.0 B	91.2	104	84.2	84.2	40.8	87.8	82.08	27.08	23
24	8.008	7.808	8.808	21.8 B	88.1	108	88.4	88.4	38.8	84.8	88.08	31.08	24
25	8.308	7.708	8.708	38.1	81.0	111	88.3	88.2	34.4	81.2	84.08	35.08	25
26	8.408	7.858	8.388	38.0	88.8	120	84.1	78.8	32.8	81.2	82.88	33.88	26
27	8.388	7.808	8.208	33.8	103	187	48.4	88.8	30.8	48.1	81.88	32.08	27
28	8.108	7.008	8.088	42.0	101	181	47.8	88.2	30.3	48.1	48.88	30.88	28
29	8.808		8.108	84.4	103	134	48.8	84.2	28.3	48.1	80.8	28.28	29
30	8.008		8.208	88.8	128	117	48.7	88.0	32.4	48.8	42.8	28.38	30
31	7.808		8.408		158		44.8	48.4		37.8		27.88	31
TOTAL	288.38	218.80	210.40	814.41	4 888.1	5 818.8	2 834.8	1 785.8	1 038.8	1 147.7	1 718.1	873.8	TOTAL
MEAN	8.88	7.80	8.78	17.1	147	201	81.8	87.8	34.3	37.0	87.1	31.4	MEAN
MAX	10.7	8.40	7.38	88.8	278	343	114	88.4	43.8	88.3	137	80.8	MAX
MIN	7.80	7.00	8.08	8.80	82.8	88.8	44.8	43.7	28.3	28.1	34.8	17.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 87.8
MAXIMUM DAILY, 343 ON JUN 10
MINIMUM DAILY, 8.088 ON MAR 28
MAXIMUM INSTANTANEOUS,
362 AT 02:18 PST ON JUN 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 03 88 N
LONG 121 01 00 W
DRAINAGE AREA, 3 414 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	25 800	JUL	219 000
FEB	18 000	AUG	184 000
MAR	18 200	SEP	88 000
APR	44 400	OCT	88 200
MAY	394 000	NOV	148 000
JUN	520 000	DEC	84 100

TOTAL DISCHARGE, 1 810 000 dam³

MURRAY RIVER NEAR THE MOUTH - STATION NO. 07FB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.3B	11.2B	10.0 B	10.5B	123E	377	172	95.3	82.8	39.8	40.8	45.2	1
2	13.4B	11.8B	10.2 B	10.8B	134E	424	160	91.7	84.3	41.6	39.2	45.7	2
3	13.3B	11.7B	10.3 B	11.0B	170E	388	152	88.2	84.1	38.6	39.0	45.6	3
4	13.2B	11.7B	10.8 B	11.6B	208E	387	144	86.1	80.0	38.2	40.1	84.7	4
5	12.8B	11.8B	10.6 B	11.9B	228E	387	136	83.6	49.6	36.4	53.8	98.7	5
6	12.5B	11.9B	10.6 B	12.5B	288E	405	132	80.0	52.7	34.6	53.6	49.0B	6
7	12.5B	12.0B	10.5 B	13.2B	315E	384	119	58.0	55.7	34.2	50.4	44.5B	7
8	12.6B	12.6B	10.5 B	14.0B	340E	303	116	58.5	54.2	33.4	47.8	41.0B	8
9	13.0B	12.5B	10.5 B	14.5B	396E	346	137	57.5	52.6	32.7	47.2	38.8B	9
10	13.7B	12.3B	10.1 B	16.4B	469E	551	163	72.3	50.4	32.1	48.2	35.0B	10
11	14.3B	12.2B	10.0 B	16.5B	467	458	163	76.1	47.0	33.7	83.9	31.0B	11
12	14.6B	12.2B	10.0 B	17.1B	388	398	147	70.5	44.3	34.8	84.4	32.6B	12
13	13.8B	12.1B	10.3 B	18.4B	305	387	136	72.1	42.6	35.2	53.9	34.0B	13
14	12.6B	12.0B	10.3 B	19.7B	250	341	126	71.5	41.9	34.5	44.0B	33.5B	14
15	13.1B	11.9B	10.2 B	20.9B	241	343	123	71.9	40.8	33.0	40.5B	32.0B	15
16	13.2B	10.8B	9.85B	22.0B	248	313	121	81.2	38.4	31.8	39.0B	29.0B	16
17	13.3B	10.9B	9.80B	23.6B	267	240	118	76.8	37.3	30.2	39.0B	27.0B	17
18	13.0B	11.1B	10.0 B	25.0B	255	186	109	78.3	35.1	29.2	81.2	26.2B	18
19	13.6B	11.4B	10.2 B	26.5B	226	160	99.9	81.2	33.5	41.2	121	23.7B	19
20	14.0B	11.6B	10.4 B	28.3B	207	139	94.7	86.0	33.7	74.5	192	24.5B	20
21	13.8B	12.0B	10.6 B	30.0B	191	125	85.5	79.1	36.1	88.9	141	27.5B	21
22	13.3B	12.2B	10.6 B	33.5B	173	119	78.5	78.4	41.5	84.5	105	30.8B	22
23	13.0B	11.8B	10.5 B	41.0B	158	120	76.7	107	42.8	81.5	90.1	33.2B	23
24	13.1B	11.7B	10.8 B	48.0B	149	124	73.1	157	41.3	89.8	88.0B	37.0B	24
25	13.7B	11.7B	10.5 B	51.8B	152	126	88.2	137	39.0	85.2	84.0B	40.5B	25
26	14.3B	11.0B	10.1 B	51.8	156	130	84.3	116	37.0	84.2	80.0B	38.5B	26
27	14.1B	10.8B	9.90B	57.7	181	224	82.1	104	35.8	84.0	80.0B	38.5B	27
28	13.0B	10.7B	9.80B	89.2	188	301	89.6	90.2	34.1	81.7	49.8B	37.4B	28
29	13.2B		9.75B	84.7	154	248	89.6	82.1	33.2	48.3	48.0B	36.2B	29
30	12.4B		9.85B	112 A	170	195	88.2	78.3	34.4	46.1	47.5B	35.2B	30
31	10.8B		10.2 B		282		87.2	88.2		44.2		34.8B	31
TOTAL	410.9	327.5	316.85	923.9	7 386	8 562	3 415.3	2 462.4	1 310.4	1 348.4	1 871.5	1 141.1	TOTAL
MEAN	13.3	11.7	10.3	30.8	238	285	110	80.1	43.7	43.4	82.4	36.8	MEAN
MAX	14.6	12.8	10.8	112	467	551	172	157	82.8	74.5	192	98.7	MAX
MIN	10.8	10.7	9.75	10.5	123	119	87.2	88.3	33.2	29.2	39.0	23.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 80.9
MAXIMUM DAILY, 551 ON JUN 10
MINIMUM DAILY, 9.75B ON MAR 29
MAXIMUM INSTANTANEOUS,
577 AT 06:50 PST ON JUN 10

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 34 15 N
LONG 121 11 18 W
DRAINAGE AREA, 8 820 km²
A - MANUAL GAUGE
E - ICE CONDITIONS
B - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	35 500	JUL	295 000
FEB	28 300	AUG	214 000
MAR	27 400	SEP	113 000
APR	79 800	OCT	116 000
MAY	838 000	NOV	162 000
JUN	741 000	DEC	98 800

TOTAL DISCHARGE, 2 850 000 dam³

MUSKEG RIVER NORTH OF JOANNE LAKE - STATION NO. 08KC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.07 B	0.510B	0.420B	0.820B	12.1	1.18	0.288	0.246	0.313	0.304	0.438	0.830B	1
2	1.05 B	0.465B	0.408B	0.890B	12.8	1.06	0.268	0.247	0.310	0.301	0.456	0.880B	2
3	1.05 B	0.478B	0.405B	0.728B	13.4	0.886	0.267	0.267	0.288	0.297	0.581	0.887B	3
4	1.05 B	0.485B	0.410B	0.765B	13.4	0.849	0.270	0.286	0.283	0.298	0.585	0.710B	4
5	1.05 B	0.482B	0.417B	0.810B	13.0	0.825	0.281	0.241	0.288	0.310	0.653	0.738B	5
6	0.900B	0.483B	0.440B	0.840B	12.3	0.748	0.291	0.238	0.278	0.318	0.522B	0.750B	6
7	0.810B	0.468B	0.462B	0.880B	11.3	0.686	0.298	0.246	0.274	0.318	0.518B	0.746B	7
8	0.768B	0.480B	0.480B	0.878B	10.4	0.609	0.303	0.248	0.280	0.317	0.520B	0.730B	8
9	0.790B	0.500B	0.478B	0.880B	9.10	0.550	0.308	0.240	0.278	0.330	0.545B	0.718B	9
10	0.805B	0.538B	0.462B	0.805B	7.74	0.533	0.317	0.228	0.267	0.358	0.572B	0.718B	10
11	0.838B	0.548B	0.448B	0.830B	6.38	0.523	0.310	0.238	0.268	0.351	0.556B	0.732B	11
12	0.857B	0.555B	0.443B	0.885B	5.26	0.533	0.287	0.240	0.268	0.350	0.525B	0.758B	12
13	0.850B	0.553B	0.452B	1.00 B	4.37	0.511	0.287	0.240	0.258	0.337	0.502B	0.788B	13
14	0.825B	0.548B	0.462B	1.07 B	3.88	0.528	0.284	0.248	0.258	0.337	0.500B	0.800B	14
15	0.840B	0.538B	0.462B	1.13 B	3.49	0.613	0.282	0.267	0.262	0.328	0.505B	0.802B	15
16	0.880B	0.518B	0.481B	1.32 B	3.21	0.627	0.282	0.284	0.262	0.317	0.518B	0.786B	16
17	0.880B	0.505B	0.458B	1.53 B	2.90	0.585	0.280	0.308	0.248	0.314	0.535B	0.780B	17
18	0.885B	0.480B	0.430B	1.88 B	2.73	0.538	0.278	0.303	0.262	0.325	0.582B	0.772B	18
19	0.850B	0.485B	0.418B	2.20 B	2.83	0.477	0.278	0.310	0.265	0.325	0.598B	0.780B	19
20	0.740B	0.487B	0.405B	2.62 B	2.63	0.470	0.278	0.309	0.269	0.340	0.618B	0.780B	20
21	0.675B	0.495B	0.403B	3.04 B	2.42	0.434	0.270	0.318	0.287	0.371	0.622B	0.765B	21
22	0.672B	0.518B	0.402B	3.70 B	2.47	0.395	0.268	0.349	0.270	0.438	0.624B	0.740B	22
23	0.675B	0.530B	0.402B	4.80 B	2.48	0.379	0.278	0.371	0.271	0.494	0.620B	0.780B	23
24	0.682B	0.538B	0.408B	5.55 B	2.46	0.357	0.280	0.358	0.270	0.520	0.600B	0.780B	24
25	0.720B	0.534B	0.415B	6.20 B	2.17	0.351	0.282	0.378	0.275	0.517	0.578B	0.800B	25
26	0.728B	0.528B	0.425B	7.25 B	2.07	0.340	0.288	0.382	0.281	0.505	0.568B	1.10 B	26
27	0.732B	0.518B	0.448B	7.77	1.82	0.348	0.243	0.390	0.292	0.524	0.568B	1.24 B	27
28	0.725B	0.480B	0.470B	8.82	1.68	0.345	0.240	0.376	0.284	0.586	0.565B	1.36 B	28
29	0.700B		0.500B	9.73	1.63	0.313	0.228	0.372	0.287	0.648	0.603B	1.38 B	29
30	0.838B		0.534B	11.0	1.38	0.302	0.237	0.383	0.305	0.517	0.620B	1.32 B	30
31	0.670B		0.568B		1.28		0.238	0.341		0.485B		1.30 B	31
TOTAL	25.319	14.204	13.783	80.008	174.84	17.490	8.613	9.185	8.271	12.185	16.629	28.488	TOTAL
MEAN	0.817	0.507	0.445	3.00	5.64	0.583	0.278	0.296	0.276	0.393	0.554	0.854	MEAN
MAX	1.07	0.555	0.568	11.0	13.4	1.18	0.317	0.390	0.313	0.524	0.624	1.38	MAX
MIN	0.670	0.462	0.402	0.820	1.28	0.302	0.228	0.228	0.248	0.287	0.439	0.830	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.16
MAXIMUM DAILY, 13.4 ON MAY 3
MINIMUM DAILY, 0.228 ON AUG 10
MAXIMUM INSTANTANEOUS,
13.7 AT 22:50 PST ON MAY 3

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 28 19 N
LONG 123 14 14 W
DRAINAGE AREA, 303 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 180	JUL	744
FEB	1 230	AUG	784
MAR	1 190	SEP	715
APR	7 760	OCT	1 050
MAY	15 100	NOV	1 440
JUN	1 510	DEC	2 290

TOTAL DISCHARGE, 38 000 dam³

MUSKWA RIVER NEAR FORT NELSON - STATION NO. 10CD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	35.90	28.00	18.90	22.60	760E	585	583	430	291	246	56.00	56.00	1
2	36.10	28.20	18.70	22.70	745E	584	553	415	283	239	58.00	55.00	2
3	36.20	28.50	18.50	22.80	738A	575	532	411	278	222	62.20	54.50	3
4	36.00	28.00	18.30	22.70	671	555	504	400	274	208	61.90	53.30	4
5	35.00	27.50	18.20	23.50	630	573	588	387	258	204	57.50	52.20	5
6	33.90	26.50	18.20	24.20	590	540	524	387	250	201	55.00	51.50	6
7	33.60	26.30	18.30	24.80	535	528	589	379	245	184	55.30	50.50	7
8	33.70	26.00	18.20	25.70	478	568	585	410	239	188	56.00	50.10	8
9	34.00	26.10	18.10	26.50	445	523	558	428	246	180	55.50	49.60	9
10	34.30	26.20	18.00	28.00	504	553	542	651	237	174	56.00	49.00	10
11	35.00	26.00	18.10	30.00	775	515	527	887	225	168	54.00	48.50	11
12	34.90	25.60	18.20	30.60	716	508	511	1 350	214	163	52.60	48.20	12
13	34.70	24.70	18.50	31.10	656	521	488	892	209	157	51.50	50.60	13
14	34.20	22.70	18.80	31.30	556	544	471	788	206	150	51.40	51.70	14
15	32.90	21.50	18.40	32.00	483	536	458	871	200	143	51.80	50.00	15
16	32.10	21.40	18.30	36.70	465	594	463	824	200	137	53.00	48.50	16
17	32.10	21.50	18.20	42.00	468	514	433	817	198	117	57.00	47.30	17
18	32.20	21.90	18.40	50.00	446	453	428	575	188	118	60.00	46.50	18
19	32.10	21.50	18.80	61.00	408	445	504	535	181	127	63.50	45.50	19
20	32.00	20.90	19.20	74.00	374	538	538	510	178	126	60.00	44.50	20
21	31.90	20.60	19.60	93.00	404	727	518	483	174	121	58.60	43.90	21
22	30.90	20.90	19.90	118 B	473	650	478	472	173	121	57.50	43.00	22
23	30.00	20.90	19.90	140 B	472	624	437	456	188	122	56.00	42.00	23
24	30.10	20.60	19.80	162 B	487	567	415	447	221	118	54.50	41.80	24
25	30.60	20.50	19.30	200 B	441	575	387	435	237	109	53.20	44.00	25
26	30.90	20.00	18.90	250 B	430	682	389	405	226	108	52.50	45.50	26
27	30.50	19.80	18.80	310 B	507	1 100	380	379	211	90.5	51.50	45.40	27
28	29.30	19.50	19.10	385 B	484	905	375	358	202	80.0	52.00	45.00	28
29	28.30		20.00	490 B	437	724	398	335	194	56.00	56.00	44.50	29
30	28.00		21.50	590 B	435	632	437	316	213	57.00	57.00	43.60	30
31	28.10		22.80		500		448	302		58.00		43.50	31
TOTAL	1 009.6	662.5	588.1	3 400.4	16 550	18 985	15 385	16 220	6 666	4 480.6	1 677.2	1 485.4	TOTAL
MEAN	32.6	23.7	19.0	113	534	633	495	523	222	144	55.9	47.9	MEAN
MAX	36.2	28.5	22.8	590	775	1 100	588	1 350	291	246	63.5	56.0	MAX
MIN	26.0	19.5	18.0	22.6	374	445	375	302	173	56.0	51.4	41.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 239
MAXIMUM DAILY, 1 350 ON AUG 12
MINIMUM DAILY, 18.00 ON MAR 10
MAXIMUM INSTANTANEOUS,
1 480 AT 03:47 PST ON AUG 12

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 47 18 N
LONG 122 39 33 W
DRAINAGE AREA, 20 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	87 200	JUL	1 330 000
FEB	57 200	AUG	1 400 000
MAR	50 800	SEP	576 000
APR	294 000	OCT	385 000
MAY	1 430 000	NOV	145 000
JUN	1 640 000	DEC	128 000

TOTAL DISCHARGE, 7 520 000 dam³

NADINA LAKE NEAR NORALEE - STATION NO. 08JB007

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.450	---	---	1.235	0.935	0.785	0.625	0.500	---	---	1
2	---	---	---	---	---	1.255	0.935	---	0.627	0.503	---	---	2
3	---	---	---	---	---	1.265	0.925	0.780	0.619	0.503	---	0.840	3
4	---	---	---	---	---	1.245	0.925	0.789	0.609	0.485	---	---	4
5	---	---	0.435	---	---	1.265	0.915	0.785	0.607	0.485	---	---	5
6	---	---	---	---	---	1.265	0.905	0.789	0.599	0.475	0.485	---	6
7	---	---	---	---	---	1.245	0.895	0.755	0.595	0.473	---	---	7
8	---	---	---	---	---	1.205	0.885	0.745	0.595	0.475	---	---	8
9	---	---	---	---	---	1.185	---	---	0.585	0.463	---	---	9
10	---	---	---	---	---	1.165	---	0.725	0.585	0.465	---	0.820	10
11	---	---	---	---	---	1.145	0.905	0.733	0.583	0.467	---	---	11
12	---	0.535	---	---	---	1.145	0.905	0.713	0.577	0.465	0.555	---	12
13	---	---	---	---	---	1.145	0.905	0.707	0.565	0.465	---	---	13
14	0.555	---	---	---	---	1.155	---	0.707	0.563	0.465	---	---	14
15	---	---	---	---	---	1.145	0.905	0.703	0.555	0.463	---	---	15
16	---	---	---	---	---	1.115	0.905	0.700	0.545	0.463	---	---	16
17	---	---	---	---	---	1.075	0.885	0.697	0.543	0.465	---	0.745	17
18	---	---	0.405	---	---	---	0.875	0.711	0.537	0.450	0.555	---	18
19	---	0.505	---	---	---	1.005	---	0.701	0.525	0.455	---	---	19
20	---	---	---	---	---	0.985	0.861	0.699	0.517	0.457	---	---	20
21	0.555	---	---	---	1.235	0.945	0.851	0.695	0.505	---	---	---	21
22	---	---	---	---	1.205	0.935	0.843	0.695	0.515	---	---	---	22
23	---	---	---	---	1.175	0.925	0.825	---	0.515	---	---	---	23
24	---	---	---	---	1.185	0.935	0.805	0.665	0.505	---	---	0.705	24
25	---	---	0.365	---	1.140	---	0.785	0.661	0.517	---	0.545	---	25
26	---	0.485	---	---	1.135	0.947	0.775	0.675	0.505	---	---	---	26
27	---	---	---	---	1.125	0.945	0.775	0.683	0.503	---	---	---	27
28	0.565	---	---	---	1.125	0.945	0.777	0.687	0.503	---	---	---	28
29	---		---	---	1.125	0.935	0.789	0.653	0.503	0.465	---	---	29
30	---		0.345	---	1.145	0.925	0.785	0.653	0.503	---	---	---	30
31	---		---		1.165		0.787	0.645		---		---	31
MEAN	---	---	---	---	---	---	---	---	0.555	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	0.625	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	0.503	---	---	---	MIN

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 54 15 N
LONG 126 56 15 W

REGULATED SINCE 1973

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

NADINA RIVER AT OUTLET OF NADINA LAKE - STATION NO. 08JB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.20E	1.70E	1.40	1.11E	3.10E	24.2	8.26	4.16	2.50	1.37	0.785E	14.9 E	1
2	2.20E	1.89E	1.39E	1.11E	4.20E	24.6	8.26	4.06E	2.47	1.35	0.778E	14.8 E	2
3	2.20E	1.80E	1.38E	1.11E	5.35E	23.0	8.01	3.99	2.18	1.35	0.788E	14.0	3
4	2.20E	1.57E	1.37E	1.10E	7.00E	23.3	7.83	3.83	1.22	1.32	0.800E	12.0 E	4
5	2.20E	1.49E	1.30	1.10E	9.80E	24.4	7.24	3.88	2.12	1.38	0.815E	8.00E	5
6	2.20E	1.48E	1.30E	1.10E	12.2 E	23.3	7.10	3.43	2.03	1.38	0.840	8.00E	6
7	2.20E	1.47E	1.31E	1.09E	14.7 E	20.2	6.86	3.36	2.00	1.35	0.900E	6.85E	7
8	2.18E	1.45E	1.32E	1.08E	17.0 E	18.6	6.82	3.32	2.03	1.35	1.19 E	6.10E	8
9	2.10E	1.45E	1.33E	1.08E	20.8 E	17.4	6.80E	3.12E	1.88	1.38	1.70 E	5.80E	9
10	2.00E	1.44E	1.34E	1.07E	23.6 E	16.6	6.86E	2.81	1.75	1.33	2.30 E	5.31	10
11	1.88E	1.41E	1.35E	1.08E	31.0 E	15.6	7.02	2.86	1.85	1.36	3.00 E	5.00E	11
12	1.88E	1.41E	1.38E	1.05E	34.0 E	14.9	6.81	3.86	1.80	0.715	3.88	4.85E	12
13	1.85E	1.41E	1.38E	1.06E	30.0 E	15.8	7.49	3.73	1.80	0.715	3.70 E	4.85E	13
14	1.87	1.41E	1.39E	1.04E	28.0 E	18.6	7.34E	3.78	1.72	0.721	3.70 E	4.45E	14
15	1.85E	1.41E	1.39E	1.05E	23.2 E	15.1	7.18	3.73	1.70	0.721	3.70 E	4.30E	15
16	1.86E	1.42E	1.40E	1.06E	23.7 E	13.8	7.00	3.81	1.89	0.778	3.70 E	4.20E	16
17	1.87E	1.41E	1.41E	1.07E	23.8 E	12.0	8.30	3.86	1.57	0.746	3.70 E	4.04	17
18	1.87E	1.40E	1.30	1.09E	25.5 E	11.4 E	8.18	3.73	1.54	0.780	3.88	3.80E	18
19	1.87E	1.40E	1.39E	1.09E	25.0 E	10.6	8.05E	3.86	1.69	0.780	3.80 E	3.70E	19
20	1.87E	1.40E	1.33E	1.10E	24.0 E	9.86	8.80	3.89	1.47	0.780	3.90 E	3.88E	20
21	1.87	1.32E	1.27E	1.14E	23.9	8.53	8.85	3.78	1.47	0.782E	4.80 E	3.48E	21
22	1.88E	1.38E	1.22E	1.20E	21.5	8.21	8.11	3.57	1.47	0.760E	7.00 E	3.30E	22
23	1.88E	1.37E	1.18E	1.28E	18.6	8.04	4.76	3.41E	1.42	0.760E	13.6 E	3.20E	23
24	1.88E	1.37E	1.14E	1.34E	16.8	7.82	4.67	3.26	1.42	0.760E	16.0 E	3.12	24
25	1.88E	1.36E	1.22	1.48E	16.9	8.21E	4.82	3.14	1.45	0.765E	16.9	2.88E	25
26	1.88E	1.35	1.10E	1.88E	18.1	8.89	4.37	3.08	1.45	0.780E	16.9 E	2.90E	26
27	1.88E	1.37E	1.10E	1.80E	14.8	8.19	5.46	3.13	1.45	0.780E	16.8 E	2.84E	27
28	1.87	1.38E	1.10E	2.10E	14.8	8.19	4.78	2.83	1.45	0.765E	16.8 E	2.78E	28
29	1.83E		1.10E	2.30E	15.0	8.18	4.83	2.78	1.48	0.746	16.4 E	2.70E	29
30	1.81E		1.22	2.70E	15.7	7.80	4.37	2.86	1.40	0.765E	16.0 E	2.83E	30
31	1.77E		1.18E		16.8		4.32	2.83		0.780E		2.80E	31
TOTAL	60.81	40.38	38.85	36.72	576.36	432.72	184.06	105.87	51.17	29.802	181.230	171.43	TOTAL
MEAN	1.96	1.44	1.29	1.28	18.6	14.4	5.26	3.42	1.71	0.885	8.04	5.53	MEAN
MAX	2.20	1.70	1.41	2.70	34.0	24.6	8.26	4.16	2.50	1.38	16.9	14.9	MAX
MIN	1.77	1.35	1.10	1.04	3.10	7.80	4.32	2.83	1.22	0.715	0.765	2.80	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.27
MAXIMUM DAILY, 34.0E ON MAY 12
MINIMUM DAILY, 0.715 ON OCT 12

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 54 08 N
LONG 126 57 13 W
DRAINAGE AREA, 388 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1973

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 280	JUL	16 800
FEB	3 480	AUG	9 180
MAR	3 480	SEP	4 420
APR	3 360	OCT	2 580
MAY	49 800	NOV	15 700
JUN	37 400	DEC	14 800

TOTAL DISCHARGE, 166 000 dam³

NAHATLATCH RIVER BELOW TACHEWANA CREEK - STATION NO. 08MF085

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.44	15.8 B	8.20E	8.84	86.2	146	84.0	40.4	21.8	11.5	12.8	13.9	1
2	9.35	14.2 B	8.20E	8.80	87.3	176	48.4	42.8	22.1	9.56	12.6	16.6	2
3	12.2	13.4 B	8.21E	8.82	86.8	180	56.5	36.8	20.1	8.48	12.8	80.1	3
4	12.4	12.5 B	8.28E	8.69	85.0	146	60.2	30.5	19.3	8.30	23.8	68.9	4
5	10.4	11.9 B	8.39E	9.03	83.9	182	42.7	32.8	20.3	8.31	16.0	48.5	5
6	9.40B	11.5 B	8.42E	10.9	108	180	41.3	32.4	17.0	8.34	18.7	38.0	6
7	8.88B	11.0 B	8.42E	16.3	124	141	43.6	32.2	17.6	8.41	16.6	28.9	7
8	8.35B	10.5 B	8.31E	14.6	124	136	41.8	33.2	16.6	8.82	15.2	26.0	8
9	8.35B	10.1 B	8.46E	13.8	119	119	41.0	31.4	16.0	8.56	80.2	24.6	9
10	8.60B	9.70B	8.86E	14.0	108	100	46.1	28.0	14.3	17.3	218	21.6	10
11	8.82B	9.28B	8.40E	16.0	76.3	105	80.6	21.0	13.6	15.2	76.1	19.3	11
12	9.04	8.80B	10.2 E	20.2	86.6	121	83.6	19.6	14.6	18.4	46.3	17.7	12
13	9.16	8.60B	10.2 E	25.6	80.6	127	82.7	19.7	16.9	14.8	36.0	16.8	13
14	9.07	8.23B	9.73E	38.6	83.6	143	82.7	22.0	16.8	13.0	28.8	16.0	14
15	8.85	7.98B	9.42E	48.3	80.8	110	86.7	20.4	14.9	10.9	26.0	15.1	15
16	8.27	7.70B	9.10E	44.8	72.8	77.7	53.1	24.3	16.2	8.48	22.6	14.1	16
17	8.54	7.46B	8.82E	37.3	88.2	80.1	46.0	23.6	17.0	8.81	20.3	13.2	17
18	8.38	7.20B	8.82E	36.6	86.1	86.1	41.1	24.1	12.6	32.2	19.2	12.3	18
19	8.87	7.00B	8.42E	42.6	44.6	80.4	43.3	31.9	10.9	27.4	26.0	11.7	19
20	8.87	6.84B	8.24E	80.4	39.2	44.1	43.1	31.7	10.3	18.8	34.4	11.8	20
21	8.80	6.68E	8.09A	93.7	38.9	41.1	38.6	45.6	10.4	26.7	33.6	10.6	21
22	8.82	6.88B	8.03	41.4	38.8	48.0	31.2	80.1	11.3	28.6	26.3	10.3	22
23	8.88B	6.84E	7.93	34.3	34.6	80.0	30.4	31.8	12.4	38.2	23.0	10.4	23
24	8.80B	6.82E	7.82	33.1	33.3	78.6	31.6	24.6	13.4	82.8	21.4	10.1	24
25	8.98B	6.72E	8.06	35.2	31.6	84.3	33.3	23.6	12.6	32.3	18.6	9.93	25
26	7.14B	6.60E	8.26	38.6	30.9	98.2	37.6	24.0	13.6	28.6	16.3	9.67	26
27	7.36B	6.48E	8.84	42.1	37.1	89.6	40.4	21.9	11.1	22.6	16.9	9.60	27
28	7.82	6.39E	8.81	49.1	42.8	46.2	37.9	20.4	12.3	18.7	16.0	9.45	28
29	7.81		8.82	81.3	64.0	42.1	32.7	20.1	13.2	16.8	15.3	9.81	29
30	18.2		8.88	78.1	71.8	46.4	33.3	20.3	11.9	15.3	14.3	9.48	30
31	19.1		8.88		118		36.1	37.1		14.0		9.08	31
TOTAL	283.66	253.87	248.23	834.36	2 136.7	2 870.2	1 371.1	886.6	450.6	550.11	971.4	812.44	TOTAL
MEAN	9.47	9.06	7.94	31.1	68.8	98.0	44.2	28.8	15.0	18.1	32.4	19.8	MEAN
MAX	19.1	15.8	10.2	78.1	124	176	86.7	80.1	22.1	82.8	218	80.1	MAX
MIN	6.80	6.39	6.30	8.69	30.9	41.1	30.6	19.8	10.3	8.30	12.6	9.08	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 32.0
MAXIMUM DAILY, 218 ON NOV 10
MINIMUM DAILY, 6.20E ON MAR 1
MAXIMUM INSTANTANEOUS,
310 AT 06:05 PST ON NOV 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 57 15 N
LONG 121 51 40 W
DRAINAGE AREA, 718 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	28 400	JUL	118 000
FEB	21 800	AUG	78 800
MAR	21 300	SEP	38 800
APR	80 700	OCT	46 400
MAY	184 000	NOV	83 900
JUN	257 000	DEC	82 900

TOTAL DISCHARGE, 1 010 000 dam³

NANAIMO RIVER NEAR CASSIDY - STATION NO. 08HB034

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	57.6	69.9	26.3	41.1	43.9	15.9	8.80	5.35	4.77	5.85	13.5	21.9	1
2	44.7	55.2	22.9	43.5	43.5	15.3	9.67	5.35	4.77	5.61	12.0	33.4	2
3	74.6	38.2	19.9	42.3	40.1	15.7	11.8	5.07	4.70	5.38	12.0	114	3
4	134	28.08	18.2	43.8	39.3	15.3	12.3	4.82	4.87	5.20	18.1	331	4
5	81.6	23.08	20.7	58.9	40.0	15.0	11.4	4.87	4.81	5.28	18.1	199	5
6	60.6	19.48	32.3	85.5	42.7	15.4	10.1	4.85	4.43	5.18	18.4	88.4	6
7	43.5	17.48	34.4	127	43.7	14.1	8.88	4.68	3.83	5.13	19.3	71.0	7
8	34.7	15.88	33.3	92.5	40.0	13.1	7.88	4.48	3.88	5.08	24.9	105	8
9	29.3	14.88	35.1	68.7	35.7	12.2	6.80	4.44	3.88	5.14	78.3	83.2	9
10	26.4	13.88	60.4	55.5	30.8	11.1	5.03	4.68	4.08	5.17	208	69.0	10
11	33.0	12.88	81.5	49.8	24.7	10.2	5.81	4.77	4.22	5.74	113	63.4	11
12	31.4	12.48	124	61.1	20.8	9.74	5.54	4.71	4.49	12.2	81.8	54.3	12
13	30.8	11.98	101	63.2	18.2	9.04	5.38	4.70	4.74	14.4	59.1	49.2	13
14	41.8	11.38	73.4	61.8	16.8	8.30	5.09	5.02	4.75	15.0	39.0	43.8	14
15	38.8	10.88	55.8	71.3	16.1	8.13	4.84	5.21	4.75	14.5	22.8	30.8	15
16	52.3	10.8	48.0	84.1	17.1	8.58	4.88	5.08	4.82	14.0	20.1	18.8	16
17	134	10.7	40.4	80.6	18.8	8.24	4.81	5.19	4.81	11.5	20.3	17.3	17
18	127	10.7	38.6	62.7	18.7	8.06	5.38	5.11	5.00	9.18	19.8	15.7	18
19	88.7	10.8	36.0	46.8	18.6	7.71	5.24	4.85	4.88	8.38	20.4	14.8	19
20	63.6	10.4	31.4	38.5	18.1	7.75	5.11	4.82	4.81	8.67	27.2	13.8	20
21	51.8	10.5	33.8	32.8	13.8	7.73	4.98	5.18	4.81	20.5	40.7	13.5	21
22	42.3	37.7	38.8	32.3	13.0	7.28	4.85	5.23	4.74	55.9	39.5	13.5	22
23	35.3	87.3	40.3	47.8	12.8	6.82	4.66	5.28	4.87	85.8	38.8	13.2	23
24	29.8	63.2	37.2	38.4	12.4	6.37	4.78	5.12	4.83	90.5	38.3	13.3	24
25	25.5	50.8	34.5	35.0	10.8	6.00	4.49	5.02	4.82	88.7	38.3	13.0	25
26	22.7	44.4	32.8	36.0	10.4	5.85	4.44	4.97	4.82	77.2	33.2	12.7	26
27	22.5	38.3	40.8	39.8	12.0	5.75	4.40	4.82	7.82	71.8	28.7	12.8	27
28	21.7	30.0	64.0	38.4	12.8	5.88	4.22	4.80	8.84	48.2	26.8	12.2	28
29	21.0		51.8	37.7	13.8	5.55	3.88	4.88	8.30	34.2	25.8	11.8	29
30	20.9		43.4	40.3	13.8	5.85	4.34	4.84	8.87	23.0	23.8	11.8	30
31	139		41.3		14.4		4.74	4.75		18.4		12.3	31
TOTAL	1 883.3	817.7	1 388.3	1 875.3	730.7	297.35	194.37	152.27	152.75	787.87	1 120.5	1 447.8	TOTAL
MEAN	84.8	29.2	44.8	85.8	23.2	9.91	6.27	4.91	5.09	24.8	37.4	46.7	MEAN
MAX	138	88.8	124	127	43.8	15.7	12.3	5.35	8.20	95.8	208	331	MAX
MIN	21.0	10.4	18.2	35.0	10.4	5.85	3.88	4.44	3.88	5.08	12.0	11.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.8
MAXIMUM DAILY, 331 ON DEC 4
MINIMUM DAILY, 3.88 ON SEP 6
MAXIMUM INSTANTANEOUS,
382 AT 08:40 PST ON DEC 4

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 04 07 N
LONG 123 53 13 W
DRAINAGE AREA, 884 km²

B - ICE CONDITIONS

REGULATED SINCE 1963

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	168 000	JUL	16 800
FEB	70 800	AUG	13 200
MAR	120 000	SEP	13 200
APR	168 000	OCT	68 300
MAY	62 300	NOV	96 800
JUN	26 700	DEC	125 000

TOTAL DISCHARGE, 901 000 dam³

NANIKA RIVER AT OUTLET OF KIDPRICE LAKE - STATION NO. 08ED001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.38	8.33	4.81	4.17	29.3	113	87.6	40.0	22.5	17.9	14.3	29.8	1
2	8.21	8.00	4.68	4.18	38.0	118	88.3	38.8	21.8	18.6	14.0	34.0	2
3	8.37	7.88	4.67	4.14	48.7	114	88.1	38.8	20.8	19.7	16.8	46.8	3
4	8.20	7.37	4.67	4.13	68.3	117	83.0	39.0	21.3	18.8	23.8	48.7	4
5	8.03	7.04	4.70	4.10	82.8	126	88.3	37.8	20.8	19.8	23.2	48.1	5
6	8.48	8.88	4.80	4.13	88.7	127	88.8	35.8	19.7	14.8	24.3	41.2	6
7	7.88	8.77	4.74	4.20	77.1	121	84.8	34.8	20.1	14.8	24.2	37.8	7
8	7.80	8.84	4.88	4.18	81.7	118	83.8	32.8	20.3	14.3	24.8	35.2	8
9	7.40	8.44	4.70	4.16	82.3	113	84.8	30.8	19.8	14.4	27.1	32.2	9
10	7.88	8.28	4.78	4.16	78.3	111	87.8	28.8	19.1	14.8	38.7	30.8	10
11	7.81	8.14	4.88	4.13	71.8	112	88.8	28.0	18.4	18.2	38.2	27.8	11
12	8.33	8.18	4.75	4.12	83.8	116	80.3	28.4	18.0	18.3	32.8	28.7	12
13	8.38	8.08	4.88	4.18	88.1	116	80.4	28.0	17.7	18.7	30.3	25.8	13
14	8.17	8.88	4.84	4.38	88.0	118	80.8	30.4	17.0	13.8	27.7	24.8	14
15	8.17	8.88	4.72	4.34	84.7	108	88.8	31.2	18.1	13.2	26.0	23.8	15
16	8.51	8.84	4.83	4.40	88.8	85.8	84.0	31.8	18.2	12.4	28.7	22.3	16
17	8.40	8.48	4.82	4.47	81.8	88.4	80.7	31.8	14.8	12.8	28.2	21.2	17
18	8.69	8.38	4.88	4.84	88.8	72.7	88.7	32.2	13.8	15.8	44.0	20.1	18
19	8.74	8.48	4.47	4.71	88.0	71.8	88.8	32.0	13.8	17.8	88.7	19.4	19
20	8.80	8.44	4.88	4.88	84.8	88.7	48.8	31.8	14.0	20.8	80.1	18.0	20
21	8.44	8.38	4.80	8.27	81.3	83.4	43.1	31.7	18.1	21.1	83.8	18.8	21
22	8.88	8.33	4.43	8.88	88.8	83.8	40.8	31.0	18.0	20.3	82.3	17.1	22
23	8.34	8.26	4.38	8.10	88.8	84.8	38.4	28.7	18.4	18.8	48.3	18.8	23
24	8.30	8.20	4.31	8.68	88.8	73.1	38.8	26.8	18.1	18.8	41.3	23.1	24
25	8.18	8.14	4.32	7.38	80.8	81.8	36.8	27.4	18.8	18.3	37.4	31.8	25
26	8.88	8.88	4.30	8.00	81.8	84.4	38.8	28.1	18.8	18.8	34.8	48.4	26
27	8.14	8.81	4.30	11.3	81.8	78.8	38.2	28.8	14.7	18.1	31.3	48.7	27
28	8.82	8.87	4.28	13.8	88.3	78.3	43.7	28.8	14.2	18.8	32.2	44.7	28
29	10.2		4.28	18.8	88.2	88.8	41.8	28.8	18.7	18.1	32.1	38.8	29
30	10.1		4.21	22.2	82.8	83.2	40.3	24.8	18.8	18.8	31.8	38.4	30
31	8.88		4.31		88.8		40.8	23.8		14.8		33.8	31
TOTAL	288.31	170.18	140.84	188.83	1 872.4	2 883.1	1 883.3	882.7	823.3	803.8	1 084.3	888.7	TOTAL
MEAN	8.88	8.08	4.88	8.33	80.4	88.8	81.0	31.1	17.4	18.3	38.1	31.3	MEAN
MAX	10.2	8.33	4.88	22.2	88.8	127	88.3	40.8	22.8	21.1	88.7	48.7	MAX
MIN	7.40	4.87	4.31	4.10	29.3	83.2	38.8	23.8	13.8	12.4	14.8	18.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.4
MAXIMUM DAILY, 127 ON JUN 6
MINIMUM DAILY, 4.10 ON APR 5
MAXIMUM INSTANTANEOUS,
139 AT 08:30 PST ON JUN 6

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 58 50 N
LONG 127 27 10 W
DRAINAGE AREA, 761 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	23 300	JUL	137 000
FEB	14 700	AUG	83 200
MAR	12 200	SEP	45 200
APR	16 400	OCT	63 500
MAY	183 000	NOV	91 100
JUN	266 000	DEC	83 800

TOTAL DISCHARGE, 955 000 dam³

NARCOSLI CREEK ABOVE RAMSEY CREEK - STATION NO. 08KE035

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.202	0.083	0.030	0.014	0.041	0.051	0.048	---	1
2	---	---	---	---	0.177	0.050	0.024	0.022	0.035	0.048	0.083	---	2
3	---	---	---	---	0.183	0.044	0.017	0.025	0.030	0.035	0.177	---	3
4	---	---	---	---	0.234	0.035	0.018	0.016	0.026	0.035	0.227	---	4
5	---	---	---	---	0.171	0.033	0.018	0.016	0.026	0.034	0.181	---	5
6	---	---	---	---	0.141	0.028	0.020	0.015	0.024	0.033	0.158	---	6
7	---	---	---	---	0.128	0.026	0.026	0.015	0.023	0.033	0.145	---	7
8	---	---	---	---	0.118	0.025	0.083	0.013	0.021	0.034	0.237	---	8
9	---	---	---	---	0.102	0.022	0.088	0.013	0.020	0.033	0.318	---	9
10	---	---	---	---	0.088	0.020	0.050	0.015	0.020	0.041	---	---	10
11	---	---	---	---	0.080	0.020	0.044	0.014	0.018	0.040	---	---	11
12	---	---	---	---	0.083	0.017	0.034	0.013	0.016	0.042	---	---	12
13	---	---	---	---	0.083	0.016	0.036	0.013	0.016	0.038	---	---	13
14	---	---	---	---	0.076	0.017	0.032	0.013	0.016	0.038	---	---	14
15	---	---	---	---	0.069	0.017	0.028	0.026	0.016	0.037	---	---	15
16	---	---	---	---	0.063	0.019	0.031	0.035	0.017	0.036	---	---	16
17	---	---	---	0.445	0.087	0.017	0.026	0.020	0.017	0.041	---	---	17
18	---	---	---	0.487	0.108	0.017	0.033	0.023	0.016	0.050	---	---	18
19	---	---	---	0.467	0.188	0.016	0.074	0.031	0.016	0.057	---	---	19
20	---	---	---	0.446	0.163	0.016	0.038	0.035	0.016	0.084	---	---	20
21	---	---	---	0.387	0.126	0.016	0.031	0.137	0.016	0.124	---	---	21
22	---	---	---	0.378	0.104	0.017	0.026	0.315	0.018	0.124	---	---	22
23	---	---	---	0.348	0.085	0.018	0.020	0.280	0.018	0.100	---	---	23
24	---	---	---	0.324	0.084	0.016	0.018	0.176	0.016	0.108	---	---	24
25	---	---	---	0.287	0.080	0.013	0.017	0.143	0.016	0.116	---	---	25
26	---	---	---	0.280	0.115	0.014	0.016	0.106	0.017	0.089	---	---	26
27	---	---	---	0.237	0.117	0.016	0.020	0.078	0.024	0.074	---	---	27
28	---	---	---	0.202	0.102	0.017	0.021	0.070	0.028	0.083	---	---	28
29	---		---	0.193	0.088	0.016	0.017	0.066	0.028	0.084	---	---	29
30	---		---	0.247	0.076	0.024	0.017	0.062	0.028	0.048	---	---	30
31	---		---		0.071		0.018	0.038		0.043		---	31
TOTAL	---	---	---	---	3.881	0.686	0.958	1.787	0.631	1.788	---	---	TOTAL
MEAN	---	---	---	---	0.118	0.023	0.031	0.058	0.021	0.057	---	---	MEAN
MAX	---	---	---	---	0.234	0.083	0.083	0.315	0.041	0.124	---	---	MAX
MIN	---	---	---	---	0.063	0.013	0.016	0.013	0.016	0.033	---	---	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.487 ON APR 18

MAXIMUM INSTANTANEOUS,
0.718 AT 18:18 PST ON APR 30

DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 28 42 N
LONG 122 48 21 W
DRAINAGE AREA, 173 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	82.8
FEB	---	AUG	184
MAR	---	SEP	64.8
APR	---	OCT	183
MAY	309	NOV	---
JUN	59.3	DEC	---

NARCOSLI CREEK BELOW RAMSEY CREEK - STATION NO. 08KE036

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	2.84	1.18	0.891	0.288	1.19	0.484	0.432B	---	1
2	---	---	---	---	2.48	1.02	0.597	0.442	1.10	0.440	0.486	---	2
3	---	---	---	---	2.35	0.881	0.859	1.01	1.02	0.402	0.707	---	3
4	---	---	---	---	3.19	0.768	0.508	1.45	0.840	0.402	1.18	---	4
5	---	---	---	---	1.92	0.695	0.529	1.82	0.848	0.417	1.78	---	5
6	---	---	---	---	1.71	0.648	0.484	1.48	0.773	0.417	1.86	---	6
7	---	---	---	---	1.56	0.638	0.479	1.01	0.878	0.417	---	---	7
8	---	---	---	---	1.41	0.587	0.821	0.771	0.825	0.417	---	---	8
9	---	---	---	---	1.28	0.524	0.683	0.853	0.853	0.417	1.48 A	---	9
10	---	---	---	---	1.16	0.378	0.648	0.823	0.807	0.460	---	---	10
11	---	---	---	---	1.10	0.374	0.687	0.894	0.818	0.484	---	---	11
12	---	---	---	---	1.05	0.374	0.648	0.894	0.823	0.489	---	---	12
13	---	---	---	---	0.989	0.360	0.622	0.877	0.477	0.441	---	---	13
14	---	---	---	---	0.894	0.333	0.580	0.812	0.430	0.438	---	---	14
15	---	---	---	---	0.849	0.320	0.509	0.938	0.411	0.431	---	---	15
16	---	---	---	---	0.793	0.378	0.488	1.17	0.435	0.417	---	---	16
17	---	---	---	---	0.778	0.370	0.422	1.16	0.848	0.422	---	---	17
18	---	---	---	---	0.858	0.385	0.384	1.08	0.482	0.431	---	---	18
19	---	---	---	---	1.38	0.347	0.418	1.08	0.448	0.448	---	---	19
20	---	---	---	---	1.83	0.382	0.376	1.27	0.448	0.460	---	---	20
21	---	---	---	4.15	1.82	0.347	0.331	1.82	0.428	0.488	---	---	21
22	---	---	---	4.17	1.42	0.311	0.328	2.82	0.408	0.514	---	---	22
23	---	---	---	4.27	1.24	0.302	0.317	3.71	0.407	0.488	---	---	23
24	---	---	---	3.78	1.12	0.288	0.308	4.32	0.407	0.580	---	---	24
25	---	---	---	3.28	1.08	0.261	0.288	4.08	0.440	0.610	---	---	25
26	---	---	---	3.04	1.20	0.278	0.331	3.20	0.402	0.628	---	---	26
27	---	---	---	2.83	1.38	0.278	0.382	2.34	0.382	0.616	---	---	27
28	---	---	---	2.78	1.55	0.588	0.308	1.81	0.388	0.5308	---	---	28
29	---		---	2.88	1.77	0.604	0.282	1.60	0.383	0.5008	---	---	29
30	---		---	2.72	1.67	0.494	0.282	1.31	0.383	0.4378	---	---	30
31	---		---		1.40		0.280	1.20		0.4718		---	31
TOTAL	---	---	---	---	44.389	13.880	14.261	48.801	17.270	14.624	---	---	TOTAL
MEAN	---	---	---	---	1.43	0.488	0.480	1.50	0.578	0.488	---	---	MEAN
MAX	---	---	---	---	2.84	1.18	0.887	4.32	1.19	0.628	---	---	MAX
MIN	---	---	---	---	0.778	0.278	0.280	0.288	0.383	0.402	---	---	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 4.32 ON AUG 24
MINIMUM DAILY, 0.278 ON JUN 28
MAXIMUM INSTANTANEOUS,
5.27 AT 19:24 PST ON APR 25

DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 30 29 N
LONG 122 40 43 W

DRAINAGE AREA, 839 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 230
FEB	---	AUG	4 630
MAR	---	SEP	1 480
APR	---	OCT	1 280
MAY	3 840	NOV	---
JUN	1 310	DEC	---

NASS RIVER ABOVE SHUMAL CREEK - STATION NO. 08DB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	190	2508	112	133	1 720	2 600	1 830	1 340	740	893	223	487	1
2	182	2328	110	137	1 950	2 410	1 610	1 320	851	745	258	485	2
3	178	2208	107	142	2 080	2 280	1 570	1 270	824	674	720	503	3
4	1708	2138	104	147	2 020	2 480	1 520	1 220	788	780	800	881	4
5	1678	2068	104	150	1 950	3 000	1 480	1 250	784	877	702	871	5
6	1658	2008	103	151	1 950	2 830	1 410	1 180	748	794	822	831	6
7	1618	1958	101	153	2 080	2 380	1 470	1 140	773	722	858	884	7
8	1598	1888	100	153	2 270	2 300	1 530	1 070	832	781	536	482	8
9	1588	1818	98.0	152	2 400	2 280	1 640	971	780	828	487	424	9
10	1528	1788	98.8	151	2 090	2 290	1 710	900	731	882	459	372	10
11	1518	1718	98.0	152	1 640	2 380	1 770	883	882	814	398	327	11
12	1478	1658	98.4	178	1 380	2 480	1 810	888	700	738	348	284	12
13	1488	1608	97.6	190	1 310	2 300	1 830	1 110	883	643	307	273	13
14	1478	1588	97.0	224	1 140	2 780	1 780	1 210	805	583	280	283	14
15	1468	1548	97.0	269	1 180	2 780	1 800	1 190	838	495	243	251	15
16	1458	1528	96.0	277	1 380	2 180	1 390	1 170	448	429	234	238	16
17	1448	152	95.4	288	1 350	1 720	1 250	1 220	388	407	219	228	17
18	1438	147	94.4	277	1 170	1 570	1 280	1 220	343	524	459	213	18
19	1428	143	94.2	304	1 130	1 530	1 370	1 150	388	572	716	203	19
20	1419	139	93.8	388	1 090	1 320	1 320	1 110	838	808	891	191	20
21	1418	137	93.4	502	1 010	1 280	1 280	1 140	1 020	888	807	181	21
22	1418	134	90.7	842	980	1 230	1 180	1 180	1 140	804	448	178	22
23	1418	128	88.6	845	1 010	1 350	1 210	1 080	1 080	448	388	183	23
24	1428	125	88.2	877	1 110	1 740	1 180	1 030	988	382	358	177	24
25	1438	121	101	838	1 170	2 100	1 110	972	241	380	320	302	25
26	1808	118	104	723	1 180	1 880	1 080	918	783	348	280	827	26
27	2408	116	108	843	1 200	1 670	1 140	887	888	323	252	784	27
28	5008	114	117	885	1 380	1 480	1 280	800	820	283	314	857	28
29	4508		121	1 180	1 880	1 450	1 240	804	818	284	411	880	29
30	3408		123	1 430	2 330	1 480	1 220	880	1 020	258	807	474	30
31	2908		127		2 880		1 280	825		238		430	31
TOTAL	5 823	4 588	3 184.5	11 978	48 850	61 780	44 050	33 580	21 847	17 728	12 980	12 348	TOTAL
MEAN	191	164	103	388	1 580	2 060	1 420	1 080	732	572	432	398	MEAN
MAX	5008	2508	127	1 430	2 880	3 000	1 830	1 340	1 180	893	800	784	MAX
MIN	141	114	90.7	133	880	1 230	1 080	825	343	238	219	189	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 784
MAXIMUM DAILY, 5 008 ON JUN 5
MINIMUM DAILY, 80.7 ON MAR 22
MAXIMUM INSTANTANEOUS,
3 180 AT 22:59 PST ON JUN 5

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 15 50 N
LONG 128 05 10 W
DRAINAGE AREA, 15 500 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	512 000	JUL	3 810 000
FEB	397 000	AUG	2 900 000
MAR	276 000	SEP	1 900 000
APR	1 030 000	OCT	1 530 000
MAY	4 220 000	NOV	1 130 000
JUN	5 340 000	DEC	1 070 000

TOTAL DISCHARGE, 24 100 000 dam³

NATHAN CREEK NEAR GLEN VALLEY - STATION NO. 08MH084

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.175	0.378	0.170	0.142	0.084E	0.082E	---	---	1
2	---	---	---	---	0.280	0.290	0.180	0.090	0.102E	0.092E	---	---	2
3	---	---	---	---	0.185	0.224	0.170	0.085	0.085E	0.094	---	---	3
4	---	---	---	---	0.185	0.190	0.160	0.085	0.092E	0.096E	---	---	4
5	---	---	---	---	0.180	0.180	0.130	0.085	0.087E	0.098E	---	---	5
6	---	---	---	---	0.180	0.185	0.140	0.095	0.082E	0.088E	---	---	6
7	---	---	---	---	0.165	0.150	0.130	0.105	0.078E	0.101E	---	---	7
8	---	---	---	---	0.180	0.140	0.130	0.095	0.078E	0.101E	---	---	8
9	---	---	---	---	0.125	0.140	0.130	0.085	0.080E	0.108E	---	---	9
10	---	---	---	---	0.110	0.128	0.130	0.085	0.078E	0.109	---	---	10
11	---	---	---	---	0.130	0.150	0.130	0.085	0.078E	0.150E	---	---	11
12	---	---	---	---	0.130	0.120	0.120	0.075	0.078	0.230E	---	---	12
13	---	---	---	---	0.120	0.118	0.120	0.095	0.082E	0.305E	---	---	13
14	---	---	---	---	0.110	0.120	0.120	0.320	0.088E	0.178E	---	---	14
15	---	---	---	---	0.110	0.140	0.130	0.140	0.090E	0.130E	---	---	15
16	---	---	---	---	0.105	0.110	0.130	0.170	0.088E	0.105E	---	---	16
17	---	---	---	---	0.165	0.150	0.120	0.130	0.092E	0.090	---	---	17
18	---	---	---	---	0.388	0.165	0.100	0.120	0.088E	0.165E	---	---	18
19	---	---	---	---	0.408	0.298	0.090	0.100	0.087E	0.155E	---	---	19
20	---	---	---	---	0.288	0.284	0.100	0.120	0.081E	0.140E	---	---	20
21	---	---	---	---	0.185	0.170	0.120	0.488	0.084E	0.300E	---	---	21
22	---	---	---	---	0.175	0.170	0.120	0.320	0.081E	0.378E	---	---	22
23	---	---	---	---	0.395	0.130	0.120	0.190	0.080E	0.800E	---	---	23
24	---	---	---	---	2.82	0.120	0.110	0.150	0.088E	1.21	---	---	24
25	---	---	---	---	1.02	0.110	0.100	0.140	0.089E	0.800E	---	---	25
26	---	---	---	0.302	0.880	0.105	0.090	0.140	0.090E	1.65 E	---	---	26
27	---	---	---	---	5.03 E	0.120	0.110	0.115	0.090	1.55 E	---	---	27
28	---	---	---	---	2.39	0.130	0.100	0.104E	0.081E	0.850E	---	---	28
29	---		---	---	1.21	0.120	0.100	0.093E	0.080E	0.360E	---	---	29
30	---		---	---	0.783	0.120	0.120	0.088E	0.092E	0.330E	---	---	30
31	---		---		0.614		0.110	0.090E		0.319		---	31
TOTAL	---	---	---	---	18.805	4.838	3.830	4.283	2.840	10.905	---	---	TOTAL
MEAN	---	---	---	---	0.607	0.184	0.133	0.137	0.088	0.352	---	---	MEAN
MAX	---	---	---	---	5.03	0.378	0.180	0.488	0.102	1.65	---	---	MAX
MIN	---	---	---	---	0.105	0.105	0.090	0.075	0.078	0.090	---	---	MIN

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 08 04 N
LONG 123 28 15 W

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	330
FEB	---	AUG	367
MAR	---	SEP	226
APR	---	OCT	842
MAY	1 620	NOV	---
JUN	428	DEC	---

NATION RIVER NEAR PORT ST. JAMES - STATION NO. 07ED001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.88	13.88	11.38	10.98	52.0E	177	88.1	30.5	15.8	10.6	20.1E	25.98	1
2	15.88	13.78	11.28	11.28	80.4A	177	85.4	29.3	15.7	10.6	20.2E	27.98	2
3	15.78	13.68	11.18	11.48	88.0	176	84.1	29.1	15.1	10.7	21.0E	28.78	3
4	15.78	13.38	11.08	11.78	85.1	175	83.1	27.7	15.8	10.7	21.8E	28.88	4
5	15.78	13.28	10.88	12.18	106	175	81.8	26.0	15.3	10.9	22.2E	28.88	5
6	15.88	13.18	10.88	12.78	132	171	80.3	25.5	14.5	10.9	22.2E	28.38	6
7	15.48	13.08	10.88	13.88	162	168	89.5	25.2	14.4	11.0	22.2E	28.18	7
8	15.28	12.88	10.88	14.38	189	165	84.1	25.0	14.3	10.9	22.3E	27.78	8
9	15.18	12.88	10.88	15.08	211	163	87.5	24.8	14.0	11.2	23.0E	27.08	9
10	15.08	12.78	10.88	15.78	227	148	85.5	24.0	13.8	11.1A	23.7E	26.38	10
11	15.08	12.68	10.88	16.18	240	140	83.4	22.9	13.5	11.1E	24.8E	25.58	11
12	15.18	12.58	10.88	16.78	243	136	81.2	22.8	13.5	11.2E	24.7E	24.88	12
13	15.18	12.48	10.88	17.38	238	131	88.4	22.2	13.2	11.1E	24.8E	24.38	13
14	15.28	12.28	11.08	18.38	235	131	87.4	22.1	13.1	11.0E	25.0S	24.06	14
15	15.28	12.08	11.08	19.78	238	128	46.9	21.8	12.5	10.8E	25.4S	23.88	15
16	15.28	11.98	10.98	21.18	235	126	43.4	21.1	11.8	10.7E	25.2S	24.08	16
17	15.48	11.88	10.88	22.68	234	121	41.3	20.8	11.3	10.7E	25.0S	23.78	17
18	15.48	11.88	10.78	24.48	232	118	40.7	20.8	11.3	10.8E	25.0S	23.38	18
19	15.38	11.78	10.58	26.78	228	111	40.1	20.8	11.3	11.0E	25.7S	23.08	19
20	15.18	11.68	10.48	27.08	225	108	39.9	20.2	11.2	11.7E	25.8S	22.48	20
21	15.08	11.58	10.38	26.08	219	100	39.5	19.8	11.1	12.8E	25.4S	21.88	21
22	14.88	11.58	10.38	28.28	214	95.3	38.6	19.2	10.8	13.6E	25.0S	21.08	22
23	14.88	11.58	10.38	30.38	208	91.6	37.8	19.2	10.6	14.7E	24.6S	20.68	23
24	14.68	11.58	10.38	31.78	204	87.1	37.3	19.0	10.4	15.3E	24.8S	20.78	24
25	14.68	11.58	10.38	32.98	195	83.2	36.6	18.6	10.2	16.0E	25.3S	20.68	25
26	14.68	11.58	10.28	34.8E	191	79.2	35.8	18.2	10.1	16.6E	25.8S	20.98	26
27	14.68	11.48	10.48	36.8E	184	75.1	35.2	18.2	10.2	17.7E	26.1S	21.68	27
28	14.78	11.48	10.58	38.8E	178	72.8	34.5	18.0	9.93	18.0E	26.1S	22.98	28
29	14.58		10.68	42.2E	177	70.1	33.4	17.7	10.2	18.8E	25.9S	24.18	29
30	14.28		10.78	46.0E	175	67.8	32.0	17.4	10.6	20.0E	26.0S	25.38	30
31	14.08		10.88		177		31.1	17.1		20.1E		25.98	31
TOTAL	488.4	344.3	332.2	668.8	5 780.5	3 748.3	1 488.0	884.3	378.43	404.5	738.3	783.4	TOTAL
MEAN	15.1	12.3	10.7	23.0	188	125	47.0	32.1	12.8	13.0	24.3	24.8	MEAN
MAX	15.8	13.8	11.3	46.0	243	178	88.1	30.5	15.8	20.1	25.2	28.9	MAX
MIN	14.0	11.4	10.3	10.8	52.0	87.8	31.1	17.1	9.93	10.6	20.1	20.7	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 43.2
MAXIMUM DAILY, 243 ON MAY 12
MINIMUM DAILY, 9.93 ON SEP 26
MAXIMUM INSTANTANEOUS,
244 AT 12:57 PST ON MAY 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 13 00 N
LONG 124 14 00 W
DRAINAGE AREA, 4 350 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	40 800	JUL	128 000
FEB	29 700	AUG	88 100
MAR	28 700	SEP	32 700
APR	85 800	OCT	34 800
MAY	498 000	NOV	62 800
JUN	324 000	DEC	68 000

TOTAL DISCHARGE, 1 380 000 dam³

NATION RIVER NEAR THE MOUTH - STATION NO. 07ED003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.48	18.38	15.38	15.88	130	218	75.3	33.2	20.8	15.8	24.8	32.88	1
2	21.38	18.08	15.08	16.38	150	213	75.8	31.4	20.6	15.1	25.2	34.68	2
3	21.28	17.68	14.88	16.88	173	211	77.5	30.5	20.2	14.8	25.2	35.58	3
4	21.08	17.78	14.78	17.58	200	207	76.8	30.2	19.7	14.2	27.5	35.88	4
5	20.78	17.68	14.68	18.38	228	204	74.1	28.4	19.3	14.7	28.4	34.68	5
6	20.38	17.38	14.68	19.88	258	200	72.8	28.8	18.8	15.0	28.6	34.58	6
7	20.38	17.18	14.68	20.88	285	193	70.7	30.2	17.8	15.2	27.3	33.88	7
8	20.18	17.08	14.68	21.88	312	185	70.8	28.7	18.8	15.2	27.8	33.08	8
9	20.08	16.88	14.78	22.88	328	178	70.3	27.8	18.3	15.6	28.7	32.08	9
10	20.08	16.88	14.88	23.88	341	171	67.7	28.0	18.0	15.6	30.7	31.18	10
11	20.08	16.68	14.38	24.28	344	165	83.6	28.8	18.8	16.3	30.18	30.08	11
12	20.18	16.78	14.28	25.38	334	157	80.3	26.0	16.3	16.8	30.18	29.28	12
13	20.38	16.88	14.28	26.88	318	148	88.1	26.5	14.8	16.8	30.38	28.78	13
14	20.68	16.38	14.18	28.08	306	148	86.8	26.1	14.8	14.8	31.28	28.58	14
15	20.88	16.18	13.98	31.08	289	148	84.5	25.4	14.4	15.0	32.48	28.38	15
16	20.88	15.88	13.78	33.88	268	142	82.8	25.2	13.7	14.3	32.28	28.28	16
17	21.08	15.68	13.38	35.88	251	138	80.6	25.7	13.1	14.2	31.88	28.08	17
18	20.88	15.68	13.08	36.88	238	130	88.8	25.7	12.8	14.8	31.78	27.18	18
19	20.88	15.48	13.18	41.08	278	124	48.0	24.8	12.8	18.0	31.88	26.18	19
20	20.78	15.38	13.28	44.08	372	121	46.7	24.3	13.0	17.0	31.28	25.58	20
21	20.48	15.28	13.38	46.18	288	118	47.7	23.8	13.8	17.5	30.88	24.98	21
22	20.28	15.18	13.48	47.78	280	108	48.0	24.0	12.8	17.6	30.88	24.58	22
23	20.18	15.18	13.48	48.28	263	104	44.1	23.8	12.2	18.3	30.88	24.28	23
24	20.08	15.18	13.68	52.08	248	98.2	41.8	23.7	12.1	18.1	30.58	24.38	24
25	20.08	15.28	13.88	58.08	238	92.4	40.1	23.8	12.0	18.7	30.78	24.88	25
26	20.08	15.38	13.88	66.8	227	89.3	38.3	23.8	11.7	21.2	31.28	25.08	26
27	20.18	15.48	13.88	86.8	220	85.8	38.7	23.2	11.7	24.6	31.48	25.88	27
28	19.88	15.48	14.28	78.0	218	83.8	38.1	22.8	11.7	26.7	31.58	25.38	28
29	19.78		14.88	82.2	210	80.3	34.1	21.8	12.3	25.4	31.88	26.08	29
30	19.38		14.88	108	210	78.8	33.1	21.8	14.8	26.8	31.88	31.28	30
31	18.88		15.18		212		31.8	21.8		26.8		31.88	31
TOTAL	630.8	468.7	436.3	1 178.8	8 002	4 331.4	1 705.8	802.8	480.0	548.0	898.3	912.2	TOTAL
MEAN	20.3	16.3	14.1	39.3	258	144	55.0	25.8	16.0	17.8	29.8	29.4	MEAN
MAX	21.4	18.3	15.3	108	344	218	77.5	33.2	20.8	28.7	32.4	35.8	MAX
MIN	18.8	15.1	13.8	15.8	130	78.8	31.8	21.8	11.7	14.2	24.8	24.2	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 55.8
MAXIMUM DAILY, 344 ON MAY 11
MINIMUM DAILY, 11.7 ON SEP 26
MAXIMUM INSTANTANEOUS,
345 AT 21:48 PST ON MAY 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 28 06 N
LONG 133 38 58 W
DRAINAGE AREA, 8 730 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	84 800	JUL	147 000
FEB	39 800	AUG	68 400
MAR	37 800	SEP	38 800
APR	102 000	OCT	47 200
MAY	881 000	NOV	77 800
JUN	374 000	DEC	78 800

TOTAL DISCHARGE, 1 780 000 dam³

NAUTLEY RIVER NEAR FORT FRASER - STATION NO 08JB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.0 B	8.10B	8.10B	10.3	27.8	89.4	38.5	26.3	18.1	12.0	8.98	8.00	1
2	10.9 B	8.00B	8.00B	10.3	30.0	87.8	38.4	26.7	18.0	11.7	8.21	8.85	2
3	10.9 B	8.00B	7.85B	10.3	30.7	85.8	38.3	26.6	17.2	11.7	8.36	8.10	3
4	10.8 B	8.75B	7.80B	10.2	35.4	84.8	37.8	24.1	17.5	11.5	8.77	8.52	4
5	10.7 B	8.70B	7.95B	10.3	39.8	83.8	36.F	23.8	16.6	12.0	8.81	8.88	5
6	10.6 B	8.60B	8.00B	10.3	46.3	82.8	36.0	23.4	16.2	11.5	8.18	8.73	6
7	10.4 B	8.50B	8.00B	10.8	52.4	81.3	35.5	23.1	16.4	11.8	8.36	8.37	7
8	10.3 B	8.45B	8.05B	10.4	57.2	80.2	35.1	23.0	16.4	11.4	8.80	10.1	8
9	10.2 B	8.40B	8.10B	10.5	60.8	59.0	34.5	22.6	16.3	12.2	8.74	10.1	9
10	10.1 B	8.38B	8.25B	10.5	65.2	57.8	33.8	22.4	16.2	12.0	10.5	10.1	10
11	10.0 B	8.38B	8.40B	10.6	68.4	56.7	33.5	22.2	16.1	11.6	9.43	8.86	11
12	10.0 B	8.36B	8.80B	10.7	70.5	55.5	34.2	21.6	16.8	10.8	8.08	10.1	12
13	10.0 B	8.33B	8.90B	10.6	72.5	53.1	34.8	21.7	16.6	10.5	8.84	10.2	13
14	10.0 B	8.33B	9.30B	11.4	74.7	52.8	34.4	21.8	16.7	10.8	8.25	10.3	14
15	10.0 B	8.33B	9.60B	11.9	76.0	52.2	33.8	21.7	16.3	10.0	8.48	10.1	15
16	10.0 B	8.32B	9.84B	12.3	76.3	51.1	32.9	20.7	13.8	9.84	8.78	10.1	16
17	9.98B	8.32B	10.0 B	13.3	76.1	49.2	32.9	20.4	13.4	9.82	8.37	9.75	17
18	9.98B	8.30B	9.90B	13.7	76.6	48.3	33.1	20.3	13.5	10.1	9.06	9.80E	18
19	9.94B	8.35B	9.70B	14.3	78.6	48.1	32.1	20.2	13.6	9.86	9.35	10.2 E	19
20	9.82B	8.40B	9.60B	14.8	78.1	48.2	30.7	19.7	13.6	9.82	8.73	10.8 E	20
21	9.90B	8.45B	9.50A	15.7	78.0	48.8	30.6	19.5	13.0	9.84	8.78	11.4 E	21
22	9.80B	8.55B	9.45	16.6	77.2	44.9	29.6	20.9	12.8	9.26	8.59	12.1 E	22
23	9.70B	8.65B	9.41	17.3	76.2	43.8	29.1	21.3	13.0	9.41	8.84	12.5 E	23
24	9.60B	8.68B	9.43	17.8	76.6	43.2	28.8	21.2	12.9	9.78	8.77	12.8 E	24
25	9.60B	8.60B	9.80	18.5	75.8	43.4	27.9	20.2	12.5	9.84	8.83	13.0 E	25
26	9.48B	8.55B	9.81	19.5	74.1	42.5	26.9	19.6	12.5	9.73	8.62	13.2 E	26
27	9.40B	8.50B	10.2	20.7	73.7	41.6	27.7	19.6	12.4	10.0	8.81	13.1 A	27
28	9.40B	8.40B	10.5	22.4	73.2	41.2	27.3	18.9	12.1	9.86	8.88	12.9	28
29	9.38B		10.4	24.1	72.2	41.0	26.5	18.7	12.8	9.31	8.36	12.8	29
30	9.30B		10.3	25.9	71.3	40.6	26.1	18.5	12.2	10.0	8.29	12.8	30
31	9.20B		10.3		70.3		25.2	18.9		9.10		13.0	31
TOTAL	310.30	238.31	283.25	426.6	2 017.8	1 576.3	1 005.8	688.9	432.6	328.08	271.04	335.80	TOTAL
MEAN	10.0	8.51	9.14	14.2	65.1	52.5	32.4	21.8	14.4	10.5	8.03	10.8	MEAN
MAX	11.0	8.10	10.5	25.9	78.6	89.4	38.5	26.7	18.1	12.2	10.5	13.2	MAX
MIN	9.20	8.30	7.90	10.2	27.8	40.6	26.1	18.5	12.1	9.10	8.29	8.00	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 21.6
MAXIMUM DAILY, 78.6 ON MAY 19
MINIMUM DAILY, 7.80B ON MAR 4
MAXIMUM INSTANTANEOUS,
83.7 AT 18:26 PST ON MAY 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 08 07 N
LONG 124 35 58 W
DRAINAGE AREA, 8 030 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	28 800	JUL	88 900
FEB	20 800	AUG	57 800
MAR	24 500	SEP	37 400
APR	35 500	OCT	28 300
MAY	174 000	NOV	23 400
JUN	136 000	DEC	28 000

TOTAL DISCHARGE, 682 000 dam³

NAZKO RIVER ABOVE MICHELLE CREEK - STATION NO. 08KF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.580B	0.578B	0.385B	0.410B	5.18	4.04	1.80	3.90	7.02	1.88	1.36	1.448	1
2	0.578B	0.525B	0.380B	0.420B	4.98	3.78	2.24	3.28	7.22	1.88	1.42	1.458	2
3	0.585B	0.488B	0.380B	0.430B	4.84	3.46	2.28	4.48	8.82	1.48	1.82	1.478	3
4	0.590B	0.478B	0.383B	0.440B	4.88	3.23	2.33	5.08	8.50	1.47	2.01	1.508	4
5	0.595B	0.485B	0.385B	0.450B	4.50	2.98	2.44	4.84	8.12	1.88	2.18	1.558	5
6	0.588B	0.450B	0.387B	0.470B	4.32	2.88	2.81	4.70	8.63	1.78	2.23	1.558	6
7	0.598B	0.440B	0.389B	0.495B	4.18	2.46	2.82	4.18	8.21	1.72	2.08	1.528	7
8	0.580B	0.432B	0.370B	0.530B	3.91	2.29	3.91	3.88	4.84	1.86	2.12	1.488	8
9	0.570B	0.423B	0.367B	0.580B	3.52	2.21	3.33	3.08	4.88	1.87	2.12	1.418	9
10	0.563B	0.418B	0.385B	0.600B	3.32	2.13	3.31	2.80	4.28	1.80	2.08	1.378	10
11	0.565B	0.412B	0.363B	0.680B	3.18	1.96	3.87	2.82	3.88	1.47	1.888	1.388	11
12	0.540B	0.414B	0.361B	0.720B	3.05	1.85	4.44	2.48	3.74	1.42	1.788	1.338	12
13	0.527B	0.418B	0.380B	0.810B	2.88	1.72	4.58	2.43	3.48	1.39	1.788	1.318	13
14	0.522B	0.417B	0.360B	0.850B	2.68	1.66	4.45	2.38	3.24	1.38	1.748	1.308	14
15	0.522B	0.404B	0.360B	1.80 B	2.58	1.68	4.24	2.33	3.03	1.34	1.748	1.288	15
16	0.522B	0.383B	0.360B	2.80 B	2.48	1.40	3.86	2.88	2.81	1.30	1.788	1.268	16
17	0.522B	0.388B	0.360B	4.00 B	2.48	1.41	3.86	3.31	2.80	1.33	1.808	1.278	17
18	0.518B	0.380B	0.361B	7.38 B	2.79	1.38	3.22	3.48	2.85	1.31	1.888	1.268	18
19	0.518B	0.378B	0.363B	7.88 B	3.17	1.33	2.98	3.88	2.63	1.38	1.838	1.248	19
20	0.510B	0.380B	0.370B	7.80 B	3.80	1.23	2.72	3.80	2.58	1.40	1.728	1.228	20
21	0.510B	0.383B	0.374B	7.63 B	3.52	1.13	2.58	4.35	2.50	1.40	1.688	1.188	21
22	0.510B	0.390B	0.380B	7.40 B	3.51	1.08	2.64	5.04	2.37	1.40	1.888	1.188	22
23	0.512B	0.388B	0.388B	7.10 B	3.82	1.03	2.47	8.18	2.28	1.88	1.648	1.238	23
24	0.518B	0.388B	0.390B	6.98 B	3.48	0.928	2.38	9.28	2.18	1.85	1.488	1.278	24
25	0.520B	0.387B	0.390B	8.20 B	3.34	0.837	2.28	9.78	2.08	1.81	1.468	1.308	25
26	0.530B	0.387B	0.392B	8.82 B	3.38	0.883	2.17	9.24	2.01	1.83	1.428	1.338	26
27	0.530B	0.388B	0.388B	8.41	3.80	0.818	2.47	8.33	1.81	1.81	1.418	1.348	27
28	0.548B	0.390B	0.388B	8.83	4.48	0.885	2.45	7.77	1.83	1.84	1.408	1.318	28
29	0.585B		0.400B	8.82	4.58	0.880	2.30	7.42	1.78	1.85	1.408	1.288	29
30	0.580B		0.405B	8.44	4.48	1.01	2.18	7.02	1.77	1.85	1.428	1.258	30
31	0.590B		0.408B		4.24		2.48	8.85		1.42		1.248	31
TOTAL	18.987	11.821	11.587	104.388	114.58	84.302	88.86	182.88	108.38	47.42	51.80	41.48	TOTAL
MEAN	0.547	0.422	0.374	3.48	3.70	1.81	2.80	4.82	3.88	1.83	1.72	1.34	MEAN
MAX	0.598	0.578	0.408	7.80	5.18	4.04	4.58	9.78	7.22	1.83	2.23	1.88	MAX
MIN	0.510	0.378	0.380	0.410	2.48	0.818	1.80	2.33	1.77	1.30	1.36	1.18	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.31
MAXIMUM DAILY, 9.78 ON AUG 25
MINIMUM DAILY, 0.380B ON MAR 3
MAXIMUM INSTANTANEOUS,
10.1 AT 23:21 PST ON AUG 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 56 48 N
LONG 123 32 50 W
DRAINAGE AREA, 3 240 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 470	JUL	7 780
FEB	1 030	AUG	13 200
MAR	1 000	SEP	8 480
APR	9 010	OCT	4 100
MAY	9 900	NOV	4 480
JUN	4 880	DEC	3 580

TOTAL DISCHARGE, 69 700 dam³

NECHAKO RIVER AT ISLE PIERRE - STATION NO. 08JC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	108 B	82.2B	78.0B	76.0B	197	338	318	385	188	118	88.2	90.0B	1
2	108 B	80.4B	78.0B	76.0B	201	328	316	398	184	114	88.1	91.0B	2
3	108 B	88.4B	78.3B	76.1B	208	328	312	406	178	111	88.2	91.0B	3
4	108 B	86.0B	78.0B	76.0B	207	326	311	432	175	110	88.4	90.8B	4
5	107 B	87.2B	77.9B	77.2B	208	328	310	433	169	110	89.4	90.4B	5
6	107 B	86.9B	78.0B	78.0B	216	330	308	408	166	109	89.6	90.0B	6
7	107 B	85.9B	78.1B	81.0B	226	329	306	403	163	108	89.0	90.0B	7
8	107 B	84.2B	77.8B	85.0B	232	328	301	426	159	106	88.6	89.9B	8
9	106 B	83.4B	77.8B	88.0B	236	328	301	448	155	105	89.8	89.2B	9
10	108 B	83.0B	77.7B	93.6B	244	331	300	463	151	105	91.0	88.4B	10
11	105 B	83.1B	77.7B	98.0B	249	331	298	437	148	104	91.8	86.8B	11
12	105 B	83.0B	77.7B	105 B	252	331	294	408	146	103	90.6	88.0B	12
13	104 B	82.8B	77.7B	113 B	256	330	292	377	144	101	88.4	90.0B	13
14	104 B	82.2B	77.8B	123 B	261	332	294	353	142	99.5	85.6	90.8B	14
15	103 B	82.4B	77.9B	130 B	267	332	304	341	140	98.5	77.2B	90.0B	15
16	103 B	82.8B	77.8B	138 B	271	333	321	342	138	97.7	78.8B	88.0B	16
17	102 B	82.3B	78.0B	141 B	274	331	345	341	136	98.2	84.0B	87.8B	17
18	102 B	82.0B	77.8B	146 B	284	330	368	337	133	95.1	89.0B	86.8B	18
19	102 B	81.8B	77.6B	150 B	294	329	433	334	132	94.2	91.0B	85.8B	19
20	101 B	81.4B	77.2B	155 B	298	331	443	348	131	93.7	90.6B	84.0B	20
21	100 B	81.4B	78.8B	161 B	301	331	444	354	129	92.1	89.4B	81.0B	21
22	98.0B	81.4B	78.2B	168	305	329	443	339	127	91.6	88.0B	80.0B	22
23	96.6B	81.6B	78.1B	168	307	326	421	320	126	91.6	86.6B	81.0B	23
24	98.0B	81.8B	78.2B	169	311	324	398	297	123	91.6	88.0B	85.0B	24
25	97.6B	81.8B	78.1B	171	314	323	386	277	122	92.2	89.0B	91.8B	25
26	97.0B	81.6B	78.0B	175	318	322	381	257	120	91.8	88.7B	88.0B	26
27	96.6B	81.4B	78.0B	180	318	321	380	240	119	90.6	86.4B	105 B	27
28	96.2B	80.3B	78.0B	183	322	323	379	227	118	90.2	86.6B	114 B	28
29	96.1B		78.0B	187	328	321	378	218	118	90.6	86.8B	112 B	29
30	95.5B		78.0B	191	327	320	378	208	116	88.4	89.0B	111 B	30
31	93.5B		78.0B		326		378	197		87.8		111 B	31
TOTAL	3 170.8	2 344.0	2 397.1	3 880.6	8 358	9 839	10 858	10 743	4 297	3 075.0	2 648.9	2 851.3	TOTAL
MEAN	102	83.7	77.3	128	270	328	350	347	143	99.2	88.2	92.0	MEAN
MAX	108	92.2	78.8	191	326	333	444	453	168	118	91.8	114	MAX
MIN	93.5	80.3	78.0	75.8	197	320	292	197	118	87.8	77.2	80.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 177
MAXIMUM DAILY, 453 ON AUG 10
MINIMUM DAILY, 75.8B ON APR 2
MAXIMUM INSTANTANEOUS,
455 AT 05:40 PST ON AUG 10

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 57 37 N
LONG 123 14 01 W
DRAINAGE AREA, 42 500 km²

B - ICE CONDITIONS

REGULATED SINCE 1952

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	274 000	JUL	938 000
FEB	203 000	AUG	928 000
MAR	207 000	SEP	371 000
APR	334 000	OCT	266 000
MAY	722 000	NOV	229 000
JUN	850 000	DEC	246 000

TOTAL DISCHARGE, 5 570 000 dam³

NECHAKO RIVER AT VANDERHOOF - STATION NO. 08JC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	47.2B	42.0B	38.8B	42.0B	115	131	86.5	220	79.0	48.7	43.1	43.3B	1
2	47.0B	41.2B	38.8B	42.2B	117	129	85.8	221	76.9	48.4	43.4	43.0B	2
3	47.8B	40.8B	38.3B	42.4B	120	127	86.2	244	73.3	48.0	43.7	44.2B	3
4	48.0B	40.0B	38.1B	42.7B	120	125	84.0	266	70.6	48.7	44.0	44.8B	4
5	48.0B	39.6B	38.0B	43.2B	126	123	83.6	248	68.7	49.2	44.1	45.2B	5
6	47.8B	39.0B	37.9B	43.8B	132	122	83.3	226	67.1	48.7	44.0	45.8B	6
7	47.0B	38.5B	38.0B	44.8B	136	121	82.5	248	66.7	47.2	44.4	46.4B	7
8	46.5B	38.2B	38.1B	45.8B	138	119	83.0	278	63.6	47.1	44.2	46.7B	8
9	46.8B	38.0B	38.3B	46.0B	141	118	83.6	292	61.8	47.3	44.0	47.2B	9
10	47.1B	37.9B	38.4B	52.0B	143	118	83.5	267	60.7	47.7	45.3	47.4B	10
11	47.3B	37.8B	38.5B	58.0B	145	116	82.6	256	59.8	47.2	44.8	47.8B	11
12	47.8B	37.6B	38.8B	67.0B	147	114	82.7	227	59.0	48.8	43.8	47.6B	12
13	47.6B	37.7B	38.6B	70.0B	148	113	83.4	203	58.3	48.6	43.8	47.4B	13
14	48.0B	37.8B	38.1B	71.0B	148	112	102	183	57.2	48.4	43.0B	47.3B	14
15	47.6B	37.6B	39.3B	72.0B	148	111	119	191	56.5	48.1	42.8B	46.8B	15
16	47.8B	37.6B	39.6B	74.0B	147	110	136	181	55.9	44.8	42.4B	46.6B	16
17	47.4B	37.7B	40.0B	76.0B	146	108	170	190	55.3	44.8	42.4B	46.2B	17
18	47.1B	37.8B	40.1B	81.0B	148	108	210	189	54.8	45.2	42.6B	46.2B	18
19	46.8B	37.8B	40.2B	84.8	149	106	237	183	54.7	44.8	43.4B	46.1B	19
20	46.6B	38.1B	40.2B	88.2	148	106	234	208	54.4	43.9	44.0B	46.3B	20
21	45.8B	38.3B	40.2B	91.6	147	105	262	201	54.1	43.7	44.8B	46.8B	21
22	45.0B	38.6B	40.2B	92.4	146	104	228	185	53.4	44.2	44.8B	47.1B	22
23	44.8B	38.8B	40.2B	93.9	145	103	206	170	52.8	43.8	44.2B	47.4B	23
24	44.4B	39.0B	40.3B	96.4	144	102	187	154	52.3	44.3	44.1B	48.4B	24
25	44.5B	39.0B	40.4B	98.7	143	101	185	140	51.8	44.1	44.0B	49.2B	25
26	44.8B	39.0B	40.8B	101	142	99.2	185	127	50.7	44.2	43.8B	49.8B	26
27	44.6B	38.8B	40.7B	104	140	99.8	185	115	50.4	44.0	43.6B	50.0B	27
28	44.8B	38.9B	40.8B	106	138	101	186	105	50.3	43.8	43.6B	50.1B	28
29	44.3B		41.0B	108	137	99.1	189	96.0	50.1	43.8	43.4B	50.2B	29
30	43.6B		41.4B	111	135	97.9	189	89.8	49.9	43.8	43.4B	50.1B	30
31	42.8B		41.8B		133		203	83.4		43.5		50.0B	31
TOTAL	1 435.3	1 083.1	1 224.5	2 193.8	4 314	3 348.0	4 880.0	6 039.1	1 788.8	1 421.1	1 312.8	1 481.8	TOTAL
MEAN	46.3	38.7	39.5	73.1	139	112	151	195	59.0	45.8	43.8	47.2	MEAN
MAX	48.0	42.0	41.8	111	148	131	262	392	79.0	48.7	45.3	50.2	MAX
MIN	42.8	37.9	37.9	42.0	115	97.9	82.5	83.4	49.9	43.5	42.4	43.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 83.0
MAXIMUM DAILY, 282 ON AUG 9
MINIMUM DAILY, 37.8B ON FEB 14
MAXIMUM INSTANTANEOUS,
295 AT 22:20 PST ON AUG 9

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 01 34 N
LONG 124 00 28 W
DRAINAGE AREA, 25 100 km²

B - ICE CONDITIONS

REGULATED SINCE 1952

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	124 000	JUL	405 000
FEB	93 600	AUG	522 000
MAR	106 000	SEP	153 000
APR	190 000	OCT	123 000
MAY	373 000	NOV	113 000
JUN	289 000	DEC	128 000

TOTAL DISCHARGE, 2 620 000 dam³

NECHAKO RIVER BELOW CHESLATTA FALLS - STATION NO. 08JA017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	31.0B	28.0B	29.8B	28.0	50.4	51.5	48.0	207	48.2	32.4	28.9	32.5	1
2	31.0	28.9B	29.5B	28.0	51.8	51.5	48.0	243	47.5	32.3	28.8	33.0	2
3	30.7	28.8B	29.5B	28.0	52.8	51.0	48.5	250	46.4	32.2	30.3	33.2	3
4	31.7	28.8B	29.5B	27.8	53.3	51.0	48.3	220	44.4	32.1	30.5	33.5	4
5	30.8	28.8B	29.4	27.8	53.9	51.1	47.2	214	43.4	33.5	30.3	33.7	5
6	30.5B	28.0B	28.5	28.0	54.2	50.2	46.8	248	41.8	32.0	30.0	34.0	6
7	30.2B	29.3B	28.0	28.5	54.4	48.7	47.4	273	40.8	31.6	29.9	34.1	7
8	29.7B	29.8B	28.0	28.2	54.5	48.3	47.3	277	39.5	31.6	30.0	34.1	8
9	29.4B	29.8B	28.5	28.0	54.3	48.2	47.3	263	38.7	31.8	30.3	34.1	9
10	29.2B	29.8B	29.5B	28.1	54.8	48.8	47.4	230	38.2	31.7	30.8	34.0	10
11	29.1B	29.8B	29.8B	28.1	54.5	48.5	47.7	200	37.8	31.4	30.8	33.9	11
12	29.0B	30.0B	29.8	27.8	53.4	48.5	50.5	177	37.3	31.1	30.8	33.8	12
13	29.4B	30.0B	29.5	28.1	52.9	48.3	65.5	172	36.9	30.8	30.4	33.8	13
14	29.8B	30.0B	29.2	28.0	53.4	48.8	84.8	174	36.5	31.0	30.8	34.0	14
15	29.8B	30.0B	29.2	28.0	53.3	48.3	112	174	36.0	30.8	30.8	33.8	15
16	29.3B	30.0B	29.2B	28.5	53.4	47.8	161	174	35.8	30.5	30.8	33.6	16
17	29.5E	29.8B	29.0B	31.1	53.5	47.3	211	173	35.6	30.8	31.0	33.8	17
18	30.0E	29.8B	28.9	33.7	54.1	47.4	218	169	35.4	30.7	31.5	33.8	18
19	30.4E	29.8B	28.8	36.3	54.1	47.3	217	201	35.3	30.8	32.0	33.8	19
20	30.8E	29.8B	28.8	37.8	53.7	47.8	224	178	34.8	30.8	32.0	34.3	20
21	30.8E	29.8B	28.7	38.3	53.3	47.8	198	188	34.7	30.8	32.0	34.2	21
22	30.0B	29.8B	28.8	40.4	53.0	47.8	176	138	34.4	30.8	31.8	34.3	22
23	29.3B	29.8B	28.8	41.7	52.8	48.1	169	119	34.2	30.3	31.7	34.2	23
24	28.9B	29.8B	28.8	42.7	52.5	47.8	188	105	34.0	30.5	31.8	34.2	24
25	29.2E	29.8B	28.5	43.3	52.8	47.3	170	92.0	33.8	30.8	31.8	34.4	25
26	29.5E	29.8B	28.3	44.3	52.5	47.5	171	81.6	33.4	30.8	31.9	34.5	26
27	29.1A	29.7B	28.1	45.7	52.2	48.0	174	72.6	33.1	30.8	31.8	34.5	27
28	29.0	29.8B	28.1	46.8	51.8	47.8	174	66.1	32.8	30.7	32.0	34.4	28
29	29.1		28.0	48.0	51.8	48.0	174	58.8	32.6	30.8	32.3	34.3	29
30	29.2B		27.8	49.8	52.1	47.9	180	54.5	32.9	30.5	32.2	34.1	30
31	29.1B		28.0		51.9		205	51.9		30.0		34.2	31
TOTAL	934.6	829.6	888.8	1 029.8	1 647.1	1 481.3	3 840.1	5 232.4	1 128.5	983.7	931.7	1 082.3	TOTAL
MEAN	29.6	29.6	28.9	34.3	53.1	48.7	124	169	37.6	31.1	31.1	33.9	MEAN
MAX	31.7	30.0	29.8	49.8	54.8	51.8	224	277	49.2	32.5	32.2	34.5	MAX
MIN	28.9	28.8	27.8	27.8	50.4	47.3	48.0	51.9	32.8	30.0	29.8	32.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 84.8
MAXIMUM DAILY, 277 ON AUG 8
MINIMUM DAILY, 27.8 ON MAR 30
MAXIMUM INSTANTANEOUS,
280 AT 16:13 PST ON AUG 8

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 41 02 N
LONG 124 50 08 W
DRAINAGE AREA, 18 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1952

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	78 980	JUL	332 000
FEB	71 700	AUG	452 000
MAR	77 800	SEP	97 300
APR	88 000	OCT	83 300
MAY	142 000	NOV	80 500
JUN	128 000	DEC	90 900

TOTAL DISCHARGE, 1 720 000 dam³

NICOLA LAKE NEAR NICOLA - STATION NO. 08LG048

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.078A	2.051A	2.036A	2.163A	2.216A	3.198A	3.088	3.011	2.759	2.858	2.401	2.353	1
2	2.078A	2.048A	2.038A	2.115A	2.240A	3.218A	3.092	2.985	2.738	2.849	2.381	2.353	2
3	2.080A	2.048A	2.038A	2.101A	2.284A	3.276A	3.073	2.965	2.740	2.842	2.385	2.345	3
4	2.070A	2.048A	2.031A	2.150A	2.298A	3.287A	3.087	2.985	2.742	2.818	2.387	2.335	4
5	2.088A	2.048A	2.028A	2.103A	2.384A	3.301A	3.089	2.958	2.736	2.815	2.378	2.330	5
6	2.082A	2.042A	2.020A	2.108A	2.381A	3.308A	3.083	2.957	2.746	2.814	2.378	2.334	6
7	2.087A	2.048A	2.031A	2.183A	2.428A	3.304A	3.047	2.949	2.739	2.807	2.382	2.347	7
8	2.088A	2.042A	2.038A	2.188A	2.488A	3.290A	3.045	2.942	2.742	2.807	2.378	2.322	8
9	2.088A	2.040A	2.034A	2.188A	2.528A	3.288A	3.044	2.904	2.733	2.477	2.284	2.317	9
10	2.087A	2.029A	2.031A	2.186A	2.494A	3.286A	3.039	2.901	2.728	2.478	2.367	2.318	10
11	2.083A	2.032A	2.064A	2.138A	2.829A	3.271A	3.038	2.888	2.725	2.458	2.388	2.319	11
12	2.082A	2.021A	2.073A	2.129A	2.861A	3.259A	3.032	2.877	2.724	2.488	2.383	2.310A	12
13	2.081A	2.037A	2.092A	2.154A	2.787A	3.267A	3.028	2.883	2.722	2.484	2.384	2.303A	13
14	2.081A	2.052A	2.103A	2.158A	2.760A	3.304A	3.045	2.860	2.709	2.482	2.381	2.307A	14
15	2.043A	2.031A	2.111A	2.158A	2.827A	3.187A	3.078	2.824	2.688	2.484	2.377	2.308A	15
16	2.046A	2.038A	2.114A	2.169A	2.848A	3.178A	3.074	2.835	2.685	2.480	2.388	2.302A	16
17	2.036A	2.048A	2.119A	2.138A	2.880A	3.168A	3.072	2.822	2.684	2.480	2.386	2.303A	17
18	2.030A	2.061A	2.120A	2.143A	2.840A	3.162A	3.088	2.821	2.670	2.428	2.321	2.298A	18
19	2.045A	2.052A	2.121A	2.136A	2.908A	3.144A	3.083	2.812	2.683	2.433	2.338	2.303A	19
20	2.048A	2.053A	2.121A	2.111A	2.917A	3.134A	3.075	2.782	2.680	2.418	2.388	2.294A	20
21	2.040A	2.053A	2.123A	2.111A	2.931A	3.123A	3.081	2.788	2.683	2.418	2.388	2.298A	21
22	2.038A	2.037A	2.123A	2.129A	2.888A	3.120A	3.102	2.783	2.846	2.423	2.388	2.298A	22
23	2.037A	2.044A	2.122A	2.142A	2.849A	3.138A	3.087	2.782	2.838	2.438	2.388	2.281A	23
24	2.039A	2.040A	2.138A	2.169A	2.892A	3.128A	3.098	2.779	2.832	2.411	2.348	2.280A	24
25	2.037A	2.043A	2.138A	2.169A	3.022A	3.113A	3.098	2.777	2.822	2.418	2.383	2.298A	25
26	2.038A	2.037A	2.140A	2.183A	3.081A	3.082A	3.088	2.780	2.802	2.420	2.347	2.288A	26
27	2.039A	2.038A	2.180A	2.182A	3.084A	3.110A	3.088	2.774	2.689	2.408	2.380	2.281A	27
28	2.031A	2.039A	2.112A	2.198A	3.101A	3.105A	3.087	2.771	2.884	2.410	2.388	2.281A	28
29	2.017A		2.121A	2.230A	3.119A	3.104	3.058	2.788	2.678	2.414	2.381	2.272A	29
30	2.032A		2.168A	2.232A	3.140A	3.098	3.038	2.782	2.898	2.402	2.380	2.280A	30
31	2.083A		2.137A		3.184A		3.028	2.783		2.408		2.292A	31
MEAN	2.051	2.042	2.091	2.162	2.781	3.184	3.068	2.854	2.882	2.487	2.387	2.306	MEAN
MAX	2.088	2.063	2.168	2.230	3.184	3.308	3.102	3.011	2.788	2.884	2.401	2.353	MAX
MIN	2.017	2.021	2.020	2.101	2.214	3.082	3.028	2.782	2.668	2.402	2.284	2.272	MIN

WATER LEVELS IN METRES

MEAN, 2.803
MAXIMUM DAILY, 3.308A ON JUN 6
MINIMUM DAILY, 2.017A ON JAN 29

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 09 40 N
LONG 120 39 40 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 622.784 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

NICOLA RIVER ABOVE NICOLA LAKE - STATION NO. 08LG049

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3868	0.3508	0.3708	0.732	8.70	18.1	4.18	2.89	2.32	1.10	1.46	1.32	1
2	0.3908	0.2808	0.3708	0.714	10.1	18.1	4.84	2.75	2.45	1.04	1.40	1.27	2
3	0.4208	0.2808	0.3858	0.698	11.7	18.3 A	4.72	2.89	2.53	1.00	1.33	1.28	3
4	0.4608	0.2758	0.4208	0.894	13.3	17.3 E	4.81	2.42	2.88	0.984	1.34	1.28	4
5	0.4608	0.2858	0.4808	0.887	13.9	16.0 E	5.01	2.30	2.82	0.912	1.40	1.26	5
6	0.4208	0.2858	0.5308	0.877	13.3	15.0 E	4.83	2.35	2.89	0.884	1.46	1.27	6
7	0.3858	0.3008	0.5208	0.873	12.4	14.0 E	4.63	2.19	2.81	0.852	1.52	1.27	7
8	0.3508	0.3158	0.7308	0.874	11.8	13.0 E	4.25	2.22	2.70	0.824	1.57	1.38	8
9	0.3608	0.3278	0.6088	0.882	12.5	12.3 A	4.01	2.14	2.63	0.802	1.55	1.38	9
10	0.3858	0.3408	0.7908	0.704	13.5	11.8 E	3.98	2.14	2.48	0.817	1.57	1.41	10
11	0.4208	0.3508	0.7758	0.687	13.5	10.8 E	3.86	2.05	2.38	0.808	1.62	1.418	11
12	0.4608	0.3608	0.7858	0.702	13.6	10.2 E	3.71	1.98	2.30	0.780	1.75	1.42	12
13	0.5308	0.3688	0.7308	0.723	13.8	9.60E	3.80	1.94	2.17	0.765	1.82	1.33	13
14	0.4808	0.3758	0.7088	0.782	13.3	8.74A	3.77	1.84	2.14	0.768	1.86	1.45	14
15	0.4308	0.3888	0.6888	0.788	14.1	8.22	4.58	1.77	2.07	0.732	1.88	1.50	15
16	0.5008	0.4158	0.6808	0.889	13.3	8.09	5.35	1.91	1.86	0.722	1.81	1.84	16
17	0.5908	0.4008	0.6208	1.18	12.7	7.87	5.33	1.89	1.82	0.787	1.76	1.88	17
18	0.5408	0.3908	0.6008	1.55	12.1	7.51	5.68	2.22	1.84	0.836	1.78	1.848	18
19	0.4678	0.3988	0.6608	1.94	12.2	7.32	5.59	2.44	1.77	1.21	1.68	1.828	19
20	0.4788	0.4308	0.7108	2.60	12.8	7.09	5.31	2.84	1.88	1.44	1.67	1.488	20
21	0.4808	0.4808	0.7808	3.23	12.5	6.81	5.80	2.83	1.84	1.83	1.67	1.488	21
22	0.4408	0.5408	0.8108	4.82	11.7	6.65	5.34	2.87	1.88	1.80	1.88	1.528	22
23	0.4208	0.5908	0.8788	5.42	10.8	6.19	4.87	2.85	1.94	2.02	1.89	1.608	23
24	0.4408	0.6508	0.8808	5.98	10.4	5.36	4.72	2.82	1.48	2.12	1.88	1.86	24
25	0.4808	0.8108	0.8808	6.23	10.7	5.10	4.80	2.89	1.44	2.02	1.86	1.72	25
26	0.4508	0.4808	0.8408	8.58	12.1	4.89	4.28	2.81	1.40	1.91	1.83	1.70	26
27	0.5208	0.4808	0.8208	8.73	13.4	4.83	3.98	2.58	1.34	1.83	1.46	1.74	27
28	0.6008	0.4508	0.8078	8.81	16.3	4.41	3.78	2.58	1.28	1.78	1.46	1.72	28
29	1.04 B		0.798	8.86	17.7	4.28	3.58	2.48	1.24	1.78	1.41	1.76	29
30	1.48 B		0.808	7.47	18.1	4.19	3.31	2.42	1.18	1.83	1.37	1.74	30
31	0.9578		0.743		18.2		3.16	2.33		1.83		1.78	31
TOTAL	15.787	10.958	21.388	78.588	447.40	293.88	143.08	73.88	80.70	38.173	47.42	48.27	TOTAL
MEAN	0.509	0.391	0.688	2.62	14.4	9.78	4.62	2.38	2.02	1.23	1.58	1.48	MEAN
MAX	1.48	0.890	0.878	7.47	18.5	18.1	5.68	2.89	2.88	2.12	1.88	1.78	MAX
MIN	0.380	0.280	0.370	0.882	8.70	4.19	3.16	1.77	1.18	0.722	1.33	1.27	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.50
MAXIMUM DAILY, 18.5 ON MAY 10
MINIMUM DAILY, 0.2808 ON FEB 2
MAXIMUM INSTANTANEOUS,
21.0 AT 11:20 PST ON MAY 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 11 32 N
LONG 120 24 28 W
DRAINAGE AREA, 1 500 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 380	JUL	12 400
FEB	947	AUG	6 380
MAR	1 850	SEP	6 240
APR	6 780	OCT	3 300
MAY	38 700	NOV	4 100
JUN	25 400	DEC	4 000

TOTAL DISCHARGE, 110 000 dam³

NICOLA RIVER AT OUTLET OF NICOLA LAKE - STATION NO. 08LG065

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.940	0.837	1.03	1.02	4.46	15.0	5.81	5.18	3.75	3.88	2.45	2.51	1
2	0.940	0.836	1.03	1.00	4.60	15.1	5.81	5.23	3.70	3.88	2.42	2.51	2
3	0.934	0.885	1.04	1.03	4.66	15.2	5.77	5.21	3.74	3.87	2.43	2.48	3
4	0.950	0.880	1.08	1.04	4.74	15.3	5.88	5.23	3.75	3.84	2.48	2.47	4
5	0.951	0.874	1.08	1.08	4.88	15.0	5.49	5.07	3.75	3.34	2.43	2.42	5
6	0.956	0.918	1.08	1.03	4.84	17.6	5.40	4.83	3.77	3.11	2.44	2.48	6
7	0.947	0.933	1.08	1.03	4.71	17.7	5.88	4.88	3.77	3.08	2.41	2.48	7
8	0.938	0.910	1.08	1.04	4.85	17.4	5.84	5.02	3.74	3.07	2.42	2.44	8
9	0.947	0.880	1.04	1.05	5.08	17.3	5.74	5.08	3.71	3.03	2.45	2.42	9
10	0.938	0.888	1.08	1.08	5.07	17.3	5.88	5.17	3.81	2.78	2.47	2.37	10
11	0.928	0.878	1.03	1.08	5.15	17.5	5.58	5.22	3.84	2.48	2.44	2.35	11
12	0.947	0.883	1.04	1.07	5.21	17.5	5.11	5.20	3.82	2.50	2.48	2.32	12
13	0.938	0.888	1.02	1.06	5.38	17.3	5.10	5.18	3.85	2.48	2.40	2.33	13
14	0.902	0.878	1.02	1.11	5.85	17.3	5.17	5.13	3.86	2.46	2.42	2.38	14
15	0.928	0.862	1.04	1.08	5.89	14.0	5.20	5.06	3.93	2.47	2.41	2.30	15
16	0.931	0.858	1.03	3.88	5.87	9.38	5.15	4.80	3.82	2.48	2.42	2.33	16
17	0.913	0.836	1.03	3.87	5.49	9.36	5.00	4.58	3.81	2.49	2.41	2.33	17
18	0.888	0.831	1.01	3.80	5.89	9.32	5.00	4.20	3.81	2.49	2.41	2.30	18
19	0.898	0.830	1.02	4.04	5.08	9.15	5.15	3.98	3.85	2.48	2.39	2.24	19
20	0.873	0.822	1.01	4.12	9.12	9.23	5.15	3.87	3.87	2.45	2.37	2.31	20
21	0.888	0.814	1.02	4.24	9.12	9.54	5.20	3.88	3.85	2.48	2.42	2.30	21
22	0.873	0.823	1.02	4.48	9.18	9.79	5.28	3.88	3.33	2.48	2.38	2.32	22
23	0.843	0.813	1.01	4.62	9.18	9.79	5.30	3.83	3.83	2.48	2.37	2.31	23
24	0.854	0.823	1.01	4.42	9.88	9.80	5.32	3.80	3.83	2.39	2.38	2.30	24
25	0.872	0.838	1.01	4.38	9.78	9.81	5.28	3.88	3.80	2.40	2.38	2.29	25
26	0.883	1.08	1.03	4.38	9.79	9.88	5.30	3.78	3.74	2.42	2.38	2.28	26
27	0.833	1.05	1.04	4.35	11.7	9.84	5.36	3.77	3.83	2.44	2.40	2.25	27
28	0.821	1.03	1.02	4.38	11.8	9.71	5.43	3.82	3.80	2.42	2.48	2.29	28
29	0.848		1.04	4.40	12.8	9.88	5.37	3.81	3.78	2.41	2.51	2.26	29
30	0.885		1.03	4.34	14.7	9.78	5.31	3.80	3.70	2.44	2.53	2.27	30
31	0.878		1.01		14.9		5.20	3.78		2.42		2.26	31
TOTAL	28.063	24.933	31.87	80.58	228.92	384.80	165.58	140.78	114.18	84.85	72.78	73.82	TOTAL
MEAN	0.905	0.880	1.03	2.88	7.37	11.8	5.37	4.54	3.81	2.73	2.43	2.35	MEAN
MAX	0.951	1.08	1.08	4.62	14.9	17.7	5.81	5.23	3.87	3.88	2.53	2.51	MAX
MIN	0.821	0.813	1.01	1.00	4.46	9.38	5.00	3.78	3.81	2.39	2.37	2.24	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.84
MAXIMUM DAILY, 17.7 ON JUN 7
MINIMUM DAILY, 0.813 ON FEB 23
MAXIMUM INSTANTANEOUS,
17.9 AT 10:05 PST ON JUN 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 53 N
LONG 120 35 51 W
DRAINAGE AREA, 2 880 km²

REGULATED SINCE 1988

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 430	JUL	14 400
FEB	2 130	AUG	12 200
MAR	3 780	SEP	8 670
APR	8 880	OCT	7 310
MAY	19 700	NOV	8 280
JUN	30 800	DEC	8 280

TOTAL DISCHARGE, 121 000 dam³

NICOLA RIVER NEAR MERRITT - STATION NO. 08LG007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.10B	3.60B	3.70B	3.82	35.8	61.7	14.0	7.11	6.24	4.84	5.25	7.13	1
2	3.25B	3.10B	3.50B	3.74	40.1	65.3	13.2	7.41	6.26	4.82	5.01	7.01	2
3	3.60B	2.65B	3.35B	3.67	42.8	62.7	12.6	8.07	6.40	4.84	4.93	8.18	3
4	3.50B	2.30B	3.20B	3.47	43.6	58.4	12.7	7.87	6.46	4.83	5.73	28.8	4
5	3.20B	2.40B	3.25B	3.83	46.6	55.6	11.6	7.38	6.43	4.73	6.40	35.0	5
6	2.80B	2.80B	3.30B	4.25	53.0	58.4	11.2	7.15	6.38	4.30	7.24	21.5	6
7	2.65B	3.00B	3.40B	5.86	60.2	51.0	10.8	6.87	6.23	4.22	7.33	16.6	7
8	2.80B	3.40B	3.44B	7.22	55.9	48.5	10.6	6.83	6.06	4.18	7.00	14.7	8
9	2.55B	3.60B	3.60B	8.80	54.2	46.5	10.2	6.83	5.87	4.15	10.3	13.6	9
10	2.50B	3.80B	4.15	8.38	51.2	40.7	10.6	6.80	5.81	4.28	42.8	11.9	10
11	2.90B	3.70B	4.85	5.61	40.2	37.8	10.3	6.68	5.74	4.32	38.0	10.0	11
12	3.70B	3.80B	5.06	7.07	31.5	36.2	9.82	6.45	5.68	5.64	16.8	10.1	12
13	5.00B	3.90B	5.35	8.14	26.9	38.4	9.33	6.46	5.60	6.55	13.7	9.67	13
14	4.80B	3.90B	5.13	9.86	25.3	37.1	9.71	6.41	5.53	7.53	11.5	9.21	14
15	4.27	3.80B	4.81	13.8	24.8	35.7	11.1	6.08	5.34	6.64	10.0	8.86	15
16	4.00	3.63B	4.20	20.1	26.2	25.8	10.1	8.18	5.25	5.88	9.23	8.54	16
17	3.88	3.40B	3.82	19.9	26.5	21.4	9.48	10.3	5.26	5.54	8.80	8.06	17
18	3.65	3.50B	3.65	18.8	28.0	20.2	9.18	8.35	5.27	5.24	8.33	7.28	18
19	3.35	3.65B	3.50	20.3	28.3	18.8	8.81	8.31	5.20	5.08	6.88	7.20B	19
20	3.15B	3.80B	3.48	23.7	23.8	18.5	8.86	7.82	5.15	6.84	14.4	7.00B	20
21	3.03B	4.10B	3.85	28.0	22.8	18.0	8.35	7.81	5.10	6.04	22.7	6.80B	21
22	2.62B	4.40B	3.84	24.7	22.1	15.9	8.18	7.88	5.03	6.42	16.2	6.70B	22
23	2.68B	4.50B	4.05	22.6	22.7	15.4	8.01	7.60	4.88	6.32	12.7	6.00B	23
24	2.75B	4.40B	3.91	21.0	22.1	16.2	7.58	7.41	4.83	7.26	11.4	6.45B	24
25	2.60B	4.20B	4.10	20.6	18.9	15.8	7.17	7.08	4.93	6.53	10.3	6.40B	25
26	2.85B	3.80B	4.25	21.0	20.0	18.2	6.87	6.80	4.54	7.48	9.58	6.05B	26
27	3.20B	3.70B	4.62	21.1	26.7	14.7	7.02	6.78	4.86	6.85	8.88	6.10B	27
28	3.35B	3.80B	4.62	21.6	53.1	13.5	7.00	6.75	4.85	6.54	8.48	6.25B	28
29	3.41		4.25	25.4	50.7	13.2	7.33	6.78	4.92	6.13	7.84	6.28	29
30	4.87		3.88	30.3	50.5	14.3	7.08	6.55	4.83	5.77	7.64	6.15	30
31	4.00B		3.85		56.4		6.87	6.64		5.67		6.03	31
TOTAL	104.35	100.23	123.79	429.75	1 139.6	985.4	298.83	227.37	165.66	180.20	381.71	321.30	TOTAL
MEAN	3.36	3.58	3.99	14.3	36.8	33.2	9.64	7.33	5.52	5.81	12.1	10.4	MEAN
MAX	5.00	4.50	5.35	30.3	60.2	65.3	14.0	10.3	6.46	7.53	42.8	35.0	MAX
MIN	2.50	2.30	3.20	3.47	18.9	13.2	6.87	6.61	4.83	4.15	4.93	6.03	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.2
MAXIMUM DAILY, 65.3 ON JUN 2
MINIMUM DAILY, 2.30B ON FEB 4
MAXIMUM INSTANTANEOUS,
71.4 AT 06:30 PST ON JUN 2

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 06 40 N
LONG 120 53 06 W
DRAINAGE AREA, 4 350 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	9 010	JUL	25 800
FEB	8 660	AUG	19 600
MAR	10 700	SEP	14 300
APR	37 100	OCT	15 600
MAY	98 500	NOV	33 000
JUN	85 000	DEC	27 800

TOTAL DISCHARGE, 384 000 dam³

NICOLA RIVER NEAR SPENCES BRIDGE - STATION NO. 08LG006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.40B	7.30B	8.92B	6.88	83.1	125	23.0	8.72	8.36	8.22	8.71	12.2	1
2	5.60B	6.70B	8.72B	6.84	84.1	135	21.5	8.82	8.53	8.30	8.57	12.1	2
3	6.40B	4.27B	8.60B	6.88	102	123	20.5	11.5	8.74	8.26	8.80	18.2	3
4	6.20B	4.00B	8.47B	6.82	103	108	20.1	10.8	8.65	8.27	8.72	66.0	4
5	5.80B	4.27B	6.40B	6.85	113	108	18.8	9.87	8.76	8.24	13.7	74.8	5
6	4.60B	4.75B	6.33	7.81	130	114	17.4	9.11	8.88	8.10	12.7	45.3	6
7	4.40B	5.18B	6.70	11.3	147	96.9	16.3	8.78	8.36	5.81	11.8	35.1	7
8	3.80B	5.63B	7.07	14.1	137	88.7	15.7	8.88	8.79	5.64	11.6	30.6	8
9	3.95B	5.80B	7.05	13.3	129	81.9	15.0	8.59	8.32	5.77	16.1	27.8	9
10	4.10B	5.85B	7.84	12.4	122	71.8	16.1	8.11	8.08	5.82	70.4	24.7	10
11	4.50B	6.00B	9.05	13.0	90.7	64.2	17.3	7.81	7.87	6.38	70.4	20.1	11
12	5.10B	6.20B	9.88	15.3	87.6	66.6	16.6	7.88	7.82	7.71	37.8	20.0	12
13	5.28B	6.40B	9.83	19.2	65.7	67.8	14.4	7.57	7.82	13.7	28.0	18.8	13
14	7.85B	6.40B	9.51	24.1	61.0	62.3	14.7	7.54	7.82	12.6	23.2	17.5	14
15	7.20B	6.30B	8.49	32.2	60.0	58.6	17.3	7.98	7.38	10.7	19.8	17.2	15
16	7.00B	6.00B	7.98	41.1	57.9	46.8	18.0	10.4	7.20	9.31	17.8	18.0	16
17	7.00B	5.60B	7.48	38.6	60.7	38.4	16.7	14.0	7.22	8.48	16.3	15.3	17
18	7.40B	5.70B	7.03	37.0	66.2	35.6	13.6	14.4	7.13	8.08	16.3	12.4	18
19	6.80B	6.00B	8.71	42.3	48.4	34.2	13.0	15.6	7.02	9.60	15.5	11.6B	19
20	6.75B	6.10B	8.86	48.5	43.1	32.9	12.4	13.9	6.93	10.5	22.8	11.0B	20
21	6.70B	7.00B	8.88	58.4	40.5	30.2	11.6	12.9	6.81	9.83	30.3	10.4B	21
22	5.30B	7.80B	7.18	62.0	38.5	28.5	11.2	12.6	6.70	10.6	30.3	10.2B	22
23	4.80B	7.70B	7.04	48.8	38.5	27.5	10.8	11.9	6.60	10.6	24.1	10.0B	23
24	6.00B	7.40B	6.66	43.4	41.0	26.9	10.3	10.4	6.48	14.3	21.4	9.85B	24
25	6.40B	6.80B	6.87	43.1	36.5	28.4	9.73	10.0	6.42	15.8	19.1	9.00B	25
26	5.50B	6.80B	7.17	43.8	37.7	29.0	9.50	8.77	6.38	13.7	17.5	9.80B	26
27	5.90B	6.90B	7.31	44.6	46.6	26.8	9.38	8.85	6.35	12.4	16.8	10.0B	27
28	6.25B	6.87	7.39	48.4	65.9	24.0	9.07	8.82	6.28	11.3	14.8	10.8B	28
29	6.88		7.21	54.9	87.7	22.3	9.08	10.3	6.24	10.3	13.8	10.8	29
30	6.75		7.04	67.7	86.9	23.3	8.86	9.79	6.21	9.74	13.2	10.5	30
31	7.60B		6.94		107		8.73	9.89		9.30		9.95	31
TOTAL	183.88	170.86	227.82	904.42	2 392.7	1 827.5	441.84	317.62	231.12	285.40	644.10	608.40	TOTAL
MEAN	5.93	6.10	7.35	30.1	77.2	60.9	14.2	10.2	7.70	9.21	21.5	19.6	MEAN
MAX	8.75	7.80	9.88	67.7	147	135	23.0	15.6	8.76	15.8	70.4	74.8	MAX
MIN	3.80	4.00	6.33	6.82	37.7	22.3	8.73	7.54	6.21	5.77	8.57	9.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22.6
MAXIMUM DAILY, 147 ON MAY 7
MINIMUM DAILY, 3.80B ON JAN 8
MAXIMUM INSTANTANEOUS,
154 AT 07:33 PST ON MAY 7

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 13 47 N
LONG 121 13 32 W
DRAINAGE AREA, 7 280 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	15 900	JUL	38 200
FEB	14 800	AUG	27 400
MAR	19 700	SEP	20 000
APR	78 100	OCT	24 700
MAY	207 000	NOV	55 700
JUN	158 000	DEC	52 600

TOTAL DISCHARGE, 712 000 dam³

NICOMEKL RIVER AT 203 STREET, LANGLEY - STATION NO. 08MH155

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.04	1.57 B	1.40 B	3.41	0.381	0.808	0.451	0.407	0.278	0.213	0.487	1.26	1
2	8.78	1.03 B	1.06 B	5.88	0.412	0.885	0.483	0.318	0.270	0.202	0.484	2.30	2
3	10.5	0.7628	0.8408	3.22	0.374	0.551	0.409	0.280	0.249	0.208	5.50	8.30	3
4	7.77	0.8888	0.8718	4.53	0.358	0.484	0.348	0.258	0.238	0.208	31.8	32.4	4
5	3.26	0.8068	3.35 B	8.32	0.372	0.411	0.306	0.248	0.238	0.217	4.30	9.49	5
6	2.38	0.5728	5.34	5.38	0.414	0.385	0.285	0.231	0.237	0.222	4.22	8.14	6
7	1.73	0.6868	3.07	4.73	0.380	0.357	0.264	0.219	0.222	0.228	4.87	4.72	7
8	1.41	0.8448	2.28	2.34	0.321	0.330	0.269	0.213	0.220	0.228	4.88	7.00 E	8
9	3.04	0.5408	2.80	1.67	0.314	0.350	0.283	0.214	0.217	0.232	25.5	4.80 E	9
10	5.11	0.5388	3.47	1.30	0.327	0.333	0.277	0.208	0.217	0.288	48.8	2.20 E	10
11	3.01	0.5208	4.88	1.07	0.485	0.305	0.274	0.208	0.228	0.848	13.7	1.85 E	11
12	4.86	0.5168	7.08	0.908	0.388	0.283	0.288	0.208	0.207	0.885	8.38	1.40 E	12
13	7.40	0.8108	7.31	0.814	0.318	0.378	0.272	0.214	0.218	1.38	3.45	1.18 A	13
14	4.34	0.8068	3.71	0.738	0.302	0.778	0.263	0.880	0.210	0.741	2.81	1.04	14
15	8.88	0.5288	2.34	0.883	0.287	0.418	0.284	0.884	0.214	0.328	1.88	0.888	15
16	27.8	0.5788	1.82	0.804	0.284	0.342	0.383	0.833	0.228	0.288	1.70	0.801	16
17	10.1	0.888	1.88	0.882	0.888	0.381	0.445	0.472	0.228	0.248	1.87	0.887	17
18	24.8	1.00	1.88	0.837	1.80	0.444	0.358	0.352	0.235	0.457	1.88	0.814	18
19	8.35	1.88	1.87	0.828	0.800	0.478	0.314	0.330	0.224	0.400	2.08	1.03	19
20	3.39	2.88	1.84	1.07	0.880	0.488	0.284	0.888	0.227	0.488	8.13	1.80 E	20
21	3.88	2.83	3.18	1.32	0.440	0.388	0.280	1.77	0.228	0.880	8.23	1.40 E	21
22	3.07	8.88	3.83	0.878	0.387	0.320	0.261	0.878	0.227	0.843	3.18	1.28 E	22
23	2.44	7.70	1.78	0.708	0.858	0.289	0.253	0.487	0.225	1.38	3.38	1.10 E	23
24	1.71	5.80	1.47	0.888	4.27	0.287	0.243	0.388	0.228	2.83	8.02	1.00 E	24
25	1.82	3.08	8.28	0.828	2.00	0.261	0.234	0.374	0.235	0.828	11.2	0.8808	25
26	1.83	2.32	4.88	0.477	3.13	0.270	0.233	0.328	0.428	3.38	5.83	0.8008	26
27	1.74	2.03	4.84	0.487	13.4	0.388	0.228	0.335	0.318	3.18	3.30	0.8808	27
28	1.48	1.84	4.18	0.428	5.77	0.424	0.237	0.310	0.280	1.30	2.84	0.8508	28
29	1.48		8.87	0.404	2.33	0.351	0.228	0.348	0.234	0.707	1.84	1.10 E	29
30	3.20		3.84	0.384	1.38	0.318	0.228	0.284	0.244	0.804	1.49	1.28 E	30
31	8.08		4.74		1.02		0.281	0.280		0.800		1.28 E	31
TOTAL	171.88	48.843	88.741	54.882	43.487	12.144	9.288	12.708	7.211	24.021	214.101	94.811	TOTAL
MEAN	5.54	1.74	3.22	1.82	1.40	0.405	0.300	0.410	0.240	0.775	7.14	3.08	MEAN
MAX	27.8	7.70	7.31	8.32	13.4	0.808	0.483	1.77	0.435	3.38	48.8	32.4	MAX
MIN	1.41	0.808	0.880	0.384	0.284	0.281	0.228	0.208	0.207	0.202	0.484	0.814	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.17
MAXIMUM DAILY, 48.8 ON NOV 10
MINIMUM DAILY, 0.202 ON OCT 2
MAXIMUM INSTANTANEOUS,
71.1 AT 03:38 PST ON NOV 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 46 N
LONG 122 39 31 W
DRAINAGE AREA, 99.2 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	14 800	JUL	803
FEB	4 220	AUG	1 100
MAR	8 820	SEP	823
APR	4 710	OCT	2 080
MAY	3 780	NOV	18 500
JUN	1 080	DEC	8 180

TOTAL DISCHARGE, 88 800 dam³

MILE CREEK NEAR BOWSER - STATION NO. 08HB022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.800	1.12 B	0.810	1.08	0.811	0.217	0.360	0.185	0.143	0.142	0.288	0.681	1
2	0.788	1.00 B	0.420	1.05	0.883	0.218	0.748	0.188	0.143	0.138	0.261	3.84	2
3	3.62	0.8808	0.382	0.988	0.478	0.193	0.482	0.185	0.143	0.138	0.283	2.88	3
4	2.31	0.7588	0.374	0.886	0.444	0.188	0.470	0.188	0.143	0.136	1.18	8.85	4
5	1.28	0.8828	0.438	1.40	0.424	0.183	0.318	0.180	0.138	0.142	0.881	2.02	5
6	0.838	0.8008	1.34	2.18	0.388	0.183	0.274	0.188	0.138	0.148	0.440	1.78	6
7	0.857	0.8008	1.00	2.87	0.387	0.178	0.238	0.148	0.138	0.148	0.383	1.83	7
8	0.887	0.4208	0.828	1.88	0.353	0.178	0.218	0.148	0.138	0.142	0.480	3.18	8
9	0.884	0.3808	0.780	1.28	0.308	0.174	0.211	0.148	0.132	0.142	2.08	1.83	9
10	0.800	0.3208	0.888	1.22	0.283	0.170	0.211	0.148	0.132	0.142	2.28	1.12	10
11	0.448	0.288	2.38	1.83	0.271	0.188	0.188	0.148	0.132	0.180	1.05	0.788	11
12	0.800	0.383	3.38	1.80	0.283	0.182	0.188	0.144	0.132	0.148	0.833	0.888	12
13	2.88	0.284	1.88	1.48	0.241	0.182	0.188	0.144	0.132	0.148	0.833	0.840	13
14	1.28	0.280	1.24	1.72	0.238	0.178	0.181	0.188	0.131E	0.170	0.480	0.480	14
15	0.818	0.263	0.940	1.84	0.235	0.170	0.181	0.172	0.131E	0.184	0.378	0.410	15
16	1.11	0.288	0.843	1.08	0.235	0.170	0.188	0.184	0.138	0.180	0.368	0.388	16
17	2.84	0.288	0.827	0.888	0.241	0.178	0.228	0.180	0.147	0.180	0.880	0.343	17
18	2.31	0.283	0.747	0.807	0.253	0.170	0.218	0.188	0.181	1.15	0.780	0.321	18
19	1.48	0.287	0.888	1.37	0.247	0.174	0.188	0.182	0.147	1.13	0.814	0.283	19
20	1.03	0.287	0.802	2.13	0.234	0.170	0.181	0.182	0.142	0.881	1.80	0.287	20
21	1.08	0.314	0.887	1.40	0.218	0.174	0.188	0.182	0.142	3.88	1.88	0.338	21
22	0.817	2.81	1.18	0.854	0.213	0.174	0.173	0.180	0.138	1.88	0.788	0.430	22
23	0.850	2.80	0.822	1.17	0.233	0.188	0.181	0.188	0.138	1.88	0.674	0.481	23
24	0.808	1.47	0.778	0.918	0.218	0.182	0.183	0.181	0.138	1.78	1.37	0.471	24
25	0.835	1.04	0.714	0.802	0.218	0.184	0.183	0.147	0.136	0.830	0.974	0.440	25
26	0.828	0.750	0.838	0.837	0.223	0.182	0.183	0.147	0.148	3.08	0.830	0.378	26
27	1.11	0.881	1.83	0.788	0.388	0.178	0.188	0.143	0.142	1.31	0.878	0.388	27
28	0.800	0.881	1.40	0.811	0.308	0.222	0.188	0.143	0.142	0.703	1.88	0.343	28
29	0.784		1.18	0.887	0.248	0.274	0.188	0.183	0.142	0.480	1.21	0.338	29
30	8.88		1.00	0.811	0.248	0.244	0.184	0.138	0.138	0.881	0.830	0.338	30
31	1.88		1.31		0.223		0.184	0.138		0.287		0.420	31
TOTAL	40.208	18.388	30.777	37.085	8.414	5.482	7.212	4.811	4.180	21.328	28.818	34.536	TOTAL
MEAN	1.30	0.888	0.883	1.24	0.304	0.183	0.233	0.155	0.139	0.888	0.887	1.11	MEAN
MAX	8.88	2.80	3.38	2.87	0.811	0.274	0.748	0.188	0.181	3.88	3.38	8.85	MAX
MIN	0.448	0.383	0.374	0.887	0.213	0.183	0.183	0.138	0.131	0.138	0.381	0.287	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.880
MAXIMUM DAILY, 8.88 ON DEC 4
MINIMUM DAILY, 0.131E ON SEP 14

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 25 08 N
LONG 124 38 32 W
DRAINAGE AREA, 15.0 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1988

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 470	JUL	823
FEB	1 880	AUG	418
MAR	2 880	SEP	381
APR	3 200	OCT	1 830
MAY	813	NOV	3 200
JUN	474	DEC	2 880

TOTAL DISCHARGE, 20 800 dam³

MOONS CREEK AT MERIDIAN SUBSTATION ROAD - STATION NO. 08GA085

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.200	0.1808	0.050	0.113	0.263	0.033	0.876	0.047	0.008	0.012	0.027	0.105	1
2	0.183	0.1258	0.045	0.131	0.304	0.027	0.823	0.263	0.006	0.010	0.021	0.788	2
3	1.81	0.0788	0.038	0.086	0.203	0.022	0.234	0.171	0.003	0.009	---	1.82	3
4	0.732	0.0628	0.037	0.138	0.177	0.018	0.135	0.076	0.003	0.007	---	---	4
5	0.268	0.0588	0.082	0.885	0.161	0.020	0.094	0.048	0.004	0.007	0.217	0.873	5
6	0.131	0.0538	0.474	1.44	0.178	0.018	0.088	0.033	0.003	0.008	0.833	0.485	6
7	0.088	0.0478	0.189	0.788	0.121	0.014	0.082	0.027	0.003	0.003	0.478	0.417	7
8	0.086	0.0428	0.089	0.388	0.082	0.012	0.048	0.021	0.002	0.004	2.37	1.01	8
9	0.054	0.0388	0.104	0.322	0.084	0.013	0.045	0.018	0.002	0.004	---	0.338	9
10	0.049	0.0378	0.588	0.438	0.043	0.013	0.071	0.020	0.002	0.004	---	0.174	10
11	0.045	0.0338	0.848	0.481	0.043	0.013	0.055	0.014	0.002	0.411	0.432	0.111	11
12	0.173	0.0318	0.817	0.487	0.038	0.012	0.048	0.012	0.002	0.317	0.118	0.088	12
13	0.388	0.0288	0.388	0.545	0.024	0.018	0.041	0.008	0.002	0.268	0.102	0.083	13
14	0.128	0.0288	0.188	0.851	0.014	0.191	0.041	0.132	0.001	0.184	0.114	0.080	14
15	0.144	0.0288	0.111	0.453	0.010	0.078	0.035	0.141	0.001	0.073	0.088	0.040	15
16	1.57	0.0288	0.081	0.338	0.008	0.048	0.041	0.103	0.003	0.042	0.104	0.034	16
17	1.02	0.0428	0.084	0.347	0.038	0.041	0.828	0.078	0.013	0.031	0.258	0.028	17
18	0.827	0.0708	0.083	0.424	0.828	0.081	0.237	0.045	0.008	0.088	0.247	0.026	18
19	0.282	0.0918	0.054	0.488	0.533	0.388	0.108	0.028	0.003	0.074	0.800	0.025	19
20	0.203	0.0878	0.048	0.727	0.328	0.331	0.073	0.072	0.005	0.052	1.40	0.031	20
21	0.213	0.084	0.328	0.485	0.188	0.127	0.057	1.03	0.007	0.125	0.835	0.037	21
22	0.148	0.845	0.248	0.280	0.085	0.071	0.047	0.518	0.007	0.180	0.281	0.051	22
23	0.083	1.05	0.120	0.284	0.088	0.047	0.043	0.184	0.006	0.818	0.344	0.100	23
24	0.072	0.428	0.107	0.402	1.11	0.036	0.037	0.841	0.007	1.07	0.380	0.108	24
25	0.068	0.200	0.488	0.448	0.328	0.028	0.034	0.048	0.008	0.244	0.317	0.078	25
26	0.058	0.118	1.12	0.401	0.544	0.032	0.031	0.038	0.021	1.44	0.301	0.055	26
27	0.085	0.087	1.03	0.324	1.11	0.047	0.027	0.025	0.015	0.851	0.181	0.044	27
28	0.062	0.068	0.542	0.362	0.280	0.078	0.026	0.015	0.012	0.283	0.192	0.036	28
29	0.482		0.285	0.370	0.125	0.078	0.024	0.008	0.013	0.094	0.182	0.037	29
30	2.28		0.183	0.347	0.075	0.081	0.020	0.007	0.013	0.080	0.130	0.080	30
31	0.943		0.124		0.043		0.022	0.008		0.035		0.118	31
TOTAL	12.471	4.027	8.848	13.037	7.888	1.878	3.820	3.398	0.182	8.483	---	---	TOTAL
MEAN	0.402	0.144	0.279	0.435	0.247	0.088	0.114	0.110	0.008	0.208	---	---	MEAN
MAX	2.28	1.08	1.12	1.44	1.11	0.388	0.876	1.02	0.021	1.44	---	---	MAX
MIN	0.045	0.028	0.037	0.088	0.009	0.012	0.020	0.007	0.001	0.003	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.001 ON SEP 14

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 16 10 N
LONG 122 48 32 W
DRAINAGE AREA, 2.58 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 080	JUL	384
FEB	348	AUG	283
MAR	747	SEP	15.7
APR	1 130	OCT	668
MAY	882	NOV	---
JUN	171	DEC	---

NORRISH CREEK ABOVE ROSE CREEK - STATION NO. 08MH180

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.58	6.678	3.508	8.28	14.7	12.0	5.04	2.00	2.84	2.01	5.86	6.95	1
2	8.07	6.468	2.888	8.68	12.7	13.6	4.34	8.13	2.48	1.88	6.32	15.7	2
3	38.7	4.428	2.828	8.01	11.9	12.7	3.87	4.88	2.41	1.88	20.0	30.8	3
4	18.4	3.888	2.81	8.88	12.5	11.4	3.74	3.10	2.32	1.88	28.4	28.0	4
5	10.2	3.888	4.11	18.4	13.8	10.7	3.38	2.81	2.38	1.87	11.8	18.9	5
6	7.88	3.388	8.31	28.8	18.8	8.71	3.23	2.38	2.18	1.48	38.2	18.3	6
7	8.47	3.248	8.08	21.8	18.1	7.47	3.13	2.28	2.14	1.87	18.8	13.7	7
8	8.23	3.188	4.85	12.0	14.4	7.00	3.02	2.16	2.08	1.88	88.3 E	11.3	8
9	8.28	3.128	5.18	8.88	12.8	8.13	2.88	2.07	1.88	1.85	84.8	13.7	9
10	8.78	3.048	12.8	8.87	10.1	8.88	2.88	2.00	1.81	4.88	48.8	10.8	10
11	8.35	3.028	14.7	11.7	8.83	8.28	2.78	1.83	1.87	14.1	23.8	8.85	11
12	8.03	2.888	13.1	13.8	7.28	8.34	2.74	1.88	1.83	11.8	18.2	8.08A	12
13	8.78	2.858	10.3	18.2	8.73	8.88	2.88	1.87	1.80	8.88	12.8	7.00E	13
14	8.13	2.888	7.47	20.0	7.37	10.8	2.82	2.10	1.78	8.18	12.8	8.70E	14
15	7.42	2.888	8.81	18.1	8.43	8.88	2.88	2.88	1.74	4.18	8.88	8.20E	15
16	32.8	3.038	8.18	12.8	8.80	4.82	2.82	6.47	1.72	3.48	8.10	8.70E	16
17	30.0	3.838	4.87	10.8	11.4	4.78	2.82	3.00	1.78	3.15	8.38	8.80E	17
18	18.4	3.838	4.37	11.0	18.8	8.78	2.48	3.81	1.70	4.82	11.8	8.80E	18
19	8.87	3.828	4.13	18.2	21.0	10.8	2.38	2.32	1.88	3.84	31.8	8.40E	19
20	8.84	3.828	4.00	20.7	13.2	8.87	2.28	3.38	1.88	7.07	38.2	8.80E	20
21	8.88	3.888	7.13	17.8	8.78	8.84	2.18	18.8	1.88	11.8	27.1	8.80E	21
22	7.28	6.828	7.81	11.8	8.40	8.17	2.18	8.80	1.88	11.2	14.1	8.00E	22
23	8.00	8.38	8.81	8.47	11.2	8.13	2.12	4.81	1.88	13.7	18.9	8.80E	23
24	8.31	8.71	8.27	10.3	27.2	8.03	2.08	3.88	1.88	21.8	15.2	8.20E	24
25	4.88	4.88	8.38	11.8	18.2	4.88	2.01	4.18	1.88	8.88	13.8	8.80E	25
26	4.48	4.28	10.1	12.4	12.8	4.18	1.88	4.28	2.10	17.8	10.8	8.80E	26
27	8.88	4.08	18.8	18.8	18.4	4.84	2.00	3.88	2.02	18.4	8.17	8.80E	27
28	4.88	3.84	13.8	14.8	14.8	4.20	1.88	3.08	1.88	8.88	8.82	3.80A	28
29	11.8		7.74	18.8	11.8	3.81	1.88	2.83	1.88	7.87	8.00	3.83	29
30	88.8		8.31	18.8	8.88	3.87	1.88	2.73	1.88	8.88	7.33	4.08	30
31	33.2		8.87		10.1		1.88	2.88		8.08		8.28	31
TOTAL	370.28	113.88	222.74	413.83	388.33	211.40	83.48	114.84	88.88	221.77	630.83	313.10	TOTAL
MEAN	11.8	4.07	7.18	13.8	12.8	7.05	2.88	3.70	1.88	7.15	21.8	10.1	MEAN
MAX	88.8	8.82	18.8	28.8	27.2	13.8	5.04	18.8	3.84	21.8	84.8	38.8	MAX
MIN	4.48	3.88	2.82	8.01	8.73	3.87	1.48	1.87	1.84	1.88	8.22	3.83	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.83
MAXIMUM DAILY, 84.8 ON NOV 8
MINIMUM DAILY, 1.84 ON SEP 31
MAXIMUM INSTANTANEOUS,
134 AT 00:10 PST ON NOV 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 14 33 N
LONG 123 07 38 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	32 000	JUL	7 310
FEB	9 850	AUG	8 920
MAR	18 200	SEP	5 080
APR	35 800	OCT	18 300
MAY	34 200	NOV	54 500
JUN	18 300	DEC	27 000

TOTAL DISCHARGE, 272 000 dam³

NORRISH CREEK NEAR DEWDNEY - STATION NO. 08MH008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.5	13.3 B	3.728	11.0	17.6	15.6	5.70	1.83	2.41	1.81	7.42	10.2	1
2	10.1	9.348	3.018	12.0	16.7	16.7	4.51	7.83	1.37	1.74	8.81	24.5	2
3	84.2	7.588	2.848	11.0	16.1	16.0	3.78	5.84	2.27	1.88	38.4	85.2	3
4	29.3	7.068	2.858	12.5	15.8	14.8	3.47	3.00	2.14	1.88	61.5	91.2	4
5	13.2	8.898	5.098	24.3	17.6	14.3	3.12	2.38	2.04	1.87	15.8	31.5	5
6	10.5	8.188	11.1	48.3	19.0	11.8	2.87	2.14	1.98	1.88	88.1	24.9	6
7	8.77	6.638	8.72	37.6	18.5	10.1	2.82	1.97	1.90	1.85	24.8	20.1	7
8	8.23	5.888	6.34	17.2	17.6	9.33	2.88	1.84	1.81	1.88	90.0	33.7	8
9	8.50	5.288	6.35	15.9	16.5	8.23	2.74	1.77	1.73	1.85	184	20.7	9
10	8.00	4.978	15.4	15.7	14.3	7.42	2.75	1.80	1.68	5.58	131	14.1	10
11	7.08	4.888	18.8	15.7	13.1	8.17	2.85	1.88	1.72	18.2	43.8	11.8	11
12	7.86	4.478	15.8	17.4	10.8	8.15	2.49	1.82	1.82	14.9	27.0	9.77	12
13	10.7	4.278	14.3	18.9	9.88	7.63	2.42	1.81	1.58	12.9	22.8	8.84	13
14	9.33	4.118	11.2	20.8	10.7	12.8	2.38	1.88	1.57	9.14	21.7	7.70	14
15	10.8	3.88	8.12	19.3	12.2	7.38	2.60	2.72	1.63	8.87	18.4	8.98	15
16	88.2	3.73	7.08	17.0	14.5	5.80	2.40	8.78	1.87	3.90	17.0	8.43	16
17	32.0	3.89	6.19	15.8	16.0	5.82	2.42	3.21	1.87	3.18	17.3	8.88	17
18	24.1	3.83	5.83	15.1	15.8	7.87	2.20	2.49	1.88	8.31	20.8	8.31	18
19	14.3 E	3.84	5.10	18.4	23.2	12.1	2.12	2.22	1.81	8.18	88.7	8.82	19
20	13.2 E	3.80	4.80	25.0	17.0	11.8	2.06	3.87	1.48	7.20	74.4	8.39	20
21	13.1 E	3.83	10.1	20.3	14.8	7.80	2.01	23.6	1.48	14.8	54.0	8.86	21
22	10.8 E	11.2	11.3	18.6	12.8	6.80	1.93	13.6	1.41	14.7	22.6	8.85	22
23	8.38E	11.6	8.18	14.6	15.8	8.34	1.86	8.36	1.85	17.8	27.6	7.80	23
24	8.38A	7.87	7.27	15.2	45.1	5.86	1.71	4.12	1.70	28.6	26.3	7.33	24
25	7.38	8.78	9.88	16.8	20.3	5.24	1.73	4.25	1.70	13.3	23.1	8.42	25
26	7.18	8.17	14.7	17.0	18.0	4.48	1.88	4.70	1.89	18.8	18.0	8.08	26
27	8.34	8.74	23.6	16.4	20.8	6.23	1.75	3.88	1.81	18.7	15.2	8.48	27
28	7.88	4.89	19.1	17.8	18.2	4.86	1.87	2.86	1.78	13.8	14.3	8.14	28
29	18.8		14.2	18.6	18.1	3.78	1.81	2.74	1.72	11.0	12.3	8.11	29
30	132		11.4	18.1	14.8	3.43	1.81	2.86	1.70	8.38	10.8	4.84	30
31	32.1		12.1		14.4		1.82	2.82		8.38		8.00	31
TOTAL	841.77	168.78	301.76	555.2	528.98	285.39	77.65	129.19	53.07	272.02	1 140.33	487.81	TOTAL
MEAN	20.7	8.03	8.73	18.5	17.1	8.85	2.50	4.17	1.77	8.77	38.0	15.1	MEAN
MAX	132	13.3	23.6	48.3	45.1	16.7	8.70	23.6	2.41	28.8	184	91.2	MAX
MIN	7.08	3.80	2.84	11.0	8.88	3.43	1.81	1.81	1.41	1.88	8.81	4.11	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.8
MAXIMUM DAILY, 184 ON NOV 8
MINIMUM DAILY, 1.41 ON SEP 22
MAXIMUM INSTANTANEOUS,
233 AT 02:01 PST ON NOV 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 11 28 N
LONG 122 09 26 W
DRAINAGE AREA, 117 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	95 400	JUL	9 700
FEB	14 600	AUG	11 200
MAR	28 100	SEP	4 580
APR	48 000	OCT	23 800
MAY	48 700	NOV	98 600
JUN	22 900	DEC	40 400

TOTAL DISCHARGE, 388 000 dam³

NORTH ALOUETTE RIVER AT 232ND STREET, MAPLE RIDGE - STATION NO. 08MH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.30E	1.20 B	1.05	2.88	2.35	2.53	4.07	0.481	0.358	0.117	0.834	1.31	1
2	3.78E	0.8988	0.8888	3.89	2.23	2.93	3.18	2.22	0.327	0.106	0.817	3.89	2
3	17.5 E	0.8208	0.7708	3.82	1.73	2.78	2.13	1.35	0.291	0.106	10.2	13.2	3
4	8.00E	0.5408	0.7008	5.81	1.82	2.81	1.83	0.744	0.271	0.088	18.5	27.0	4
5	3.60E	0.5508	1.02 B	10.4	2.16	2.38	1.20	0.573	0.263	0.101	3.83	8.26	5
6	2.50E	0.5308	3.88	11.7	3.17	1.82	0.987	0.508	0.254	0.094	11.8	5.34	6
7	2.00E	0.5088	2.16	8.48	2.83	1.44	0.871	0.482	0.228	0.092	8.13	3.68	7
8	1.60E	0.4808	1.72	3.70	2.23	1.48	0.973	0.428	0.220	0.092	24.7	7.48	8
9	2.00E	0.4758	1.98	2.88	1.82	1.28	0.835	0.380	0.204	0.084	---	4.28	9
10	2.50E	0.4858	4.38	2.44	1.31	1.08	0.851	0.294	0.203	0.437	48.3 E	3.80	10
11	2.00E	0.4808	8.78	2.82	1.33	1.41	0.781	0.265	0.183	7.44	8.20	1.70	11
12	3.50E	0.4408	8.28	2.71	1.07	1.48	0.788	0.227	0.177	3.82	3.87	1.30	12
13	8.50E	0.4358	5.71	3.11	0.880	1.42	0.802	0.218	0.172	2.84	3.80	1.02	13
14	3.30E	0.4258	3.88	3.81	1.02	4.10	0.705	0.380	0.158	2.16	4.88	0.984	14
15	4.20E	0.4208	2.48	3.04	1.31	1.88	0.830	0.877	0.183	1.33	2.47	0.778	15
16	25.0 E	0.4158	1.80	2.18	1.81	1.08	0.582	0.776	0.145	0.882	2.08	0.872	16
17	14.0 E	0.4128	1.60	1.88	1.78	0.954	0.880	0.853	0.188	0.885	2.42	0.822	17
18	14.5 E	0.4808	1.37	1.84	8.28	1.21	0.878	0.487	0.172	1.08	2.37	0.888	18
19	7.00E	0.8008	1.28	3.08	5.07	8.44	0.588	0.408	0.157	1.33	10.7	0.878	19
20	4.40E	0.8008	1.14	4.17	2.84	8.81	0.488	0.483	0.138	1.20	18.8	0.847	20
21	4.80E	0.883	1.88	3.00	1.81	2.80	0.402	7.81	0.130	3.11	11.7	0.881	21
22	3.25E	8.28	2.88	1.43	1.84	1.89	0.348	4.48	0.112	2.40	3.82	1.03	22
23	2.50E	8.87	2.38	1.47	3.00	1.80	0.388	1.87	0.107	3.88	3.84	1.87	23
24	2.20E	4.88	1.81	1.81	10.7	1.74	0.381	1.18	0.108	8.88	8.72	0.887	24
25	2.00E	2.88	3.21	1.84	4.78	1.88	0.341	0.878	0.113	2.84	8.22	0.877	25
26	1.88E	1.73	7.84	1.88	4.28	1.34	0.380	0.848	0.238	10.8	3.83	0.783	26
27	2.50E	1.42	13.8	1.78	10.3	1.40	0.333	0.771	0.188	8.83	2.83	0.744	27
28	2.10E	1.27	8.87	1.88	4.18	1.24	0.288	0.833	0.188	3.47	3.30	0.883	28
29	4.00E		4.48	2.80	2.83	1.10	0.223	0.822	0.148	2.08	2.34	0.777	29
30	11.8 E		3.14	2.78	2.20	1.02	0.241	0.488	0.133	1.48	1.82	0.888	30
31	8.00E		3.14		3.08		0.222	0.408		1.14		1.80	31
TOTAL	188.85	38.391	102.845	103.88	84.380	68.824	27.233	31.798	5.888	74.332	---	88.842	TOTAL
MEAN	6.47	1.37	3.31	3.47	3.04	2.19	0.878	1.03	0.188	2.40	---	3.13	MEAN
MAX	25.0	8.87	13.8	11.7	10.7	8.44	4.07	7.81	0.358	10.8	---	27.0	MAX
MIN	1.80	0.412	0.700	1.47	0.880	0.954	0.222	0.218	0.107	0.084	---	0.888	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.084 ON OCT 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 14 34 N
LONG 122 34 42 W
DRAINAGE AREA, 37.3 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	14 700	JUL	2 380
FEB	3 220	AUG	2 780
MAR	8 880	SEP	480
APR	8 880	OCT	8 420
MAY	8 150	NOV	---
JUN	5 670	DEC	8 380

NORTH THOMPSON RIVER AT BIRCH ISLAND - STATION NO. 08LB047

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	26.3B	22.5B	22.5B	26.5B	235	367	285	281	131	91.8	86.1	81.9	1
2	26.5B	21.0B	22.1B	28.3B	255	448	315	289	131	90.5	86.8	82.4	2
3	25.8B	18.0B	22.0B	29.6B	258	482	280	276	125	71.5	84.7	80.4	3
4	25.3B	16.2B	22.0B	31.0B	260	470	314	255E	119	88.6	88.6	81.8	4
5	24.3B	16.1B	22.2B	33.0B	272	481	283	230	130	90.2	88.6	81.6	5
6	24.0B	17.2B	22.1B	33.5B	281	535	262	237	135	86.4	88.1	80.2	6
7	23.8B	16.3B	22.0B	37.0B	434	533	255	237	106	83.0	85.0	58.6	7
8	23.5B	15.0B	22.0B	41.0B	441	488	252	244	107	86.0E	83.0	58.0	8
9	23.3B	15.5B	21.5B	40.2	441	448	282	241	94.7	86.0	78.6	84.6	9
10	23.0B	20.0B	22.5B	46.4	488	518	282	243	90.8	87.4	126	46.1	10
11	23.0B	21.0B	22.6B	47.7	534	480	278	218	84.8	78.3	195	42.5	11
12	23.0B	22.5B	22.5B	51.5	488	478	262	188	80.1	88.1	147	44.5B	12
13	23.1B	26.4B	23.0B	56.0	312	492	287	202	108	87.0E	120	48.4	13
14	23.3B	24.0B	23.0B	51.5	271	568	280	220	105	78.3	98.5	80.4	14
15	23.8B	22.5B	23.0B	74.9	258	704	267	212	117	88.1	90.5	80.4	15
16	23.5B	22.3B	22.5B	81.3	276	722	382E	238	107	81.8	82.1	49.0	16
17	23.6B	22.1B	22.8B	82.8	316	498	335	230	110	84.8	85.8	38.0	17
18	23.5B	22.0B	22.7B	80.5	364	384	303	197	102	86.0	76.8	34.8	18
19	23.6B	22.1B	22.5B	82.8	314	358	285	205	83.4	86.8	78.8	35.3	19
20	23.3B	22.3B	23.1B	104	268E	323	284	231	74.0E	85.0	78.8	36.0	20
21	22.9B	22.6B	23.6B	107	207	280	300	300E	86.4	84.7	71.5	38.1	21
22	22.5B	23.0B	24.0B	147	198	271	283	287	81.6	87.1	85.0E	47.7	22
23	22.3B	23.2B	24.6B	142	188	282	234	238	74.9	85.5	80.2	47.7	23
24	22.2B	23.5B	26.0B	140	198	313	218	263	80.0	104	89.6	46.3B	24
25	22.1B	23.6B	26.2B	142	205	318	203	226E	78.5E	112	88.1	46.8B	25
26	22.2B	24.0B	25.5B	145 E	215	324	202	190E	80.0	101	85.4	44.0B	26
27	22.7B	24.1B	26.5B	148	227	351	213	180	81.3	96.8	83.3	43.5B	27
28	23.0B	23.8B	27.5B	150	231	316	261	182	81.7	80.5	83.0	43.0B	28
29	23.5B		27.5B	177	240	265	247	148	80.5	80.5	47.7	42.5B	29
30	24.0B		26.0B	210	252	235	257	132	81.3	77.3	58.0E	41.5B	30
31	23.8B		26.2B		262		248	142		71.5		41.5B	31
TOTAL	731.8	602.7	736.3	2 820.3	8 344	12 740	8 656	7 121	2 947.8	2 358.4	2 380.8	1 428.7	TOTAL
MEAN	23.6	21.5	23.6	87.3	288	425	279	230	98.3	76.0	78.4	46.0	MEAN
MAX	26.6	26.4	28.2	210	534	722	380	387	135	112	195	81.9	MAX
MIN	22.1	16.1	21.5	26.6	188	235	202	132	81.6	84.8	47.7	28.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 141
MAXIMUM DAILY, 722 ON JUN 16
MINIMUM DAILY, 16.1B ON FEB 5

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 38 10 N
LONG 118 54 55 W
DRAINAGE AREA, 4 450 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	63 200	JUL	748 000
FEB	52 100	AUG	615 000
MAR	63 600	SEP	255 000
APR	226 000	OCT	204 000
MAY	789 000	NOV	206 000
JUN	1 100 000	DEC	123 000

TOTAL DISCHARGE, 4 450 000 dam³

NORTH THOMPSON RIVER AT MCLURE - STATION NO. 08LB064

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	68.0B	69.0B	72.0B	69.5	557	884	817	548	428	212	192	185	1
2	68.0B	68.0B	70.0B	69.0B	538	1 150	688	585	418	208	188	152	2
3	65.0B	66.0B	68.5B	68.4	727	1 280	648	603	388	194	181	201	3
4	62.5B	67.0B	69.5B	68.5	755	1 280	625	638	378	172	201	184	4
5	60.0B	60.0B	70.0B	68.2	804	1 260	620	738	388	172	215	169	5
6	78.0B	84.0B	71.5B	80.5	861	1 430	774	682	381	186	213	190	6
7	78.0B	85.5B	73.1B	86.4	1 080	1 480	715	661	342	159	210	186	7
8	77.5B	87.0B	74.0B	85.7	1 090	1 430	706	660	319	166	207	188	8
9	77.0B	86.5B	74.5B	87.1	1 210	1 240	704	655	307	166	238	184	9
10	76.5B	88.0B	76.0B	88.7	1 260	1 400	697	661	304	166	278	178	10
11	76.0B	80.0B	76.0B	103	1 480	1 390	688	637	280	201	268	171	11
12	76.0B	82.0B	76.0B	108	1 480	1 350	702	602	288	197	304	181	12
13	75.5B	83.5B	74.5B	115	1 370	1 360	691	484	285	198	344	181	13
14	76.0B	86.0B	74.5B	128	1 120	1 400	702	500	270	184	314	188	14
15	77.0B	87.0B	74.0B	148	1 020	1 560	741	524	272	167	287	181	15
16	76.0B	86.0B	74.0B	201	887	1 710	837	526	271	181	273	158	16
17	76.5B	83.0B	73.5B	183	858	1 720	807	574	287	188	261	163	17
18	76.0B	82.0B	73.0B	200	1 080	1 350	788	526	287	187	256	148	18
19	76.0B	84.0B	73.5B	204	1 070	1 220	728	514	248	188	257	132	19
20	77.7B	86.4B	73.8B	223	938	1 070	708	518	230	185	253	128	20
21	76.0B	88.0B	73.9B	276	885	881	894	529	220	188	248	110	21
22	74.0B	71.0B	73.8B	333	808	895	873	559	208	187	238	107	22
23	73.0B	73.0B	74.6B	383	755	871	837	755	204	185	220	148	23
24	71.5B	74.5B	76.0B	388	745	881	884	891	202	198	214	150	24
25	71.0B	76.0B	78.0B	370	740	870	887	814	203	215	213	1478	25
26	71.0B	76.0B	79.0B	382	740	884	838	882	208	248	210	1428	26
27	72.0B	76.0B	82.0B	407	761	902	828	837	204	238	207	1408	27
28	73.0B	74.0B	83.2	427	788	884	836	801	211	233	201	1388	28
29	76.5B		84.4	481	778	874	842	471	213	208	188	138	29
30	78.0B		87.2	520	795	788	847	378	212	204	182	138	30
31	78.5B		87.8		852		848	422		198		134	31
TOTAL	2 380.8	1 783.4	2 338.8	8 442.8	29 088	38 255	21 830	17 322	8 348	5 815	7 288	4 878	TOTAL
MEAN	77.1	83.7	75.5	215	938	1 210	888	559	278	188	242	157	MEAN
MAX	86.0	78.0	87.8	520	1 480	1 720	917	755	428	248	384	201	MAX
MIN	71.0	47.0	69.5	68.4	857	788	525	378	203	166	188	107	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 383
MAXIMUM DAILY, 1 720 ON JUN 17
MINIMUM DAILY, 47.0B ON FEB 4

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 02 28 N
LONG 120 14 28 W
DRAINAGE AREA, 19 000 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	207 000	JUL	1 870 000
FEB	154 000	AUG	1 500 000
MAR	202 000	SEP	721 000
APR	657 000	OCT	502 000
MAY	2 810 000	NOV	536 000
JUN	3 130 000	DEC	421 000

TOTAL DISCHARGE, 12 400 000 dam³

NUSATSUM RIVER NEAR HAGENSBORG - STATION NO. 08FB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.65E	5.75	3.45B	3.81E	28.0E	51.0E	---	---	---	---	5.50E	10.7	1
2	4.50E	5.10B	3.36B	3.90E	29.0E	51.5E	---	---	---	---	18.0 E	38.7	2
3	4.40E	5.80B	3.38B	3.85E	28.5E	52.5E	---	---	---	---	80.0 E	35.0 E	3
4	4.30E	5.20B	3.36B	4.00E	27.5E	55.0E	---	---	---	---	82.0 E	30.0 E	4
5	4.24A	4.90B	3.50E	4.40E	26.0	55.5E	---	---	14.4A	---	82.0 E	25.0 E	5
6	4.03	4.85B	3.82E	5.40E	28.0	51.9	---	---	15.7	---	27.0 E	20.0 E	6
7	3.78B	4.45B	3.85E	5.38E	32.7	47.4	---	---	22.1	---	18.0 E	17.5 E	7
8	3.35B	4.30B	3.88E	5.37E	34.0E	43.0	---	---	20.4	---	30.0 E	15.5 E	8
9	3.40B	4.20B	3.80E	5.36E	33.0E	38.5	---	---	---	---	130 E	14.5 E	9
10	3.90B	4.00B	3.50E	5.50E	31.0E	38.3	---	---	---	---	110 E	13.5 E	10
11	3.85B	4.05B	3.35E	5.65E	30.0	45.9	---	---	---	---	70.0 E	12.0 E	11
12	5.63	4.10B	3.25E	5.30E	24.7	45.9	---	---	---	---	40.0 E	11.0 E	12
13	5.04	4.20B	3.20E	5.80C	22.5	44.1	---	---	---	---	28.0 E	10.2 E	13
14	4.28	4.05B	3.30E	5.80E	21.6	46.0	---	---	---	---	15.5 E	9.80E	14
15	3.83	4.00B	3.30E	5.80E	23.5E	35.0	---	---	---	---	10.8 E	9.20E	15
16	4.70	3.95B	3.28E	5.70E	34.0E	29.5	---	---	---	---	11.2 E	8.80E	16
17	5.08	3.78B	3.27E	6.30E	29.5E	24.3	---	---	---	---	11.5 A	8.50E	17
18	4.84	3.61B	3.25E	7.74A	24.0E	20.0	---	---	---	---	84.5	8.10E	18
19	4.64	3.52	3.35E	5.80	21.5E	17.9	26.4A	---	---	---	45.3	7.70E	19
20	4.44B	3.52	3.50E	10.2	20.0E	17.5	31.0A	---	---	---	25.7	7.60E	20
21	4.30B	3.44	3.75E	10.6	19.1E	19.7	32.4	---	---	---	22.5	7.80E	21
22	4.20B	3.60	3.80E	9.00E	19.5E	24.0	---	---	---	---	21.5	11.5 E	22
23	4.10B	3.87	3.85E	8.40E	21.0E	32.5	---	---	---	---	20.5	16.5 E	23
24	4.00B	3.71	3.90E	9.50E	22.5E	42.1	---	---	---	---	19.2	28.0 E	24
25	4.17	3.86	3.97E	11.0 E	24.0E	46.5	---	---	---	---	17.5 E	58.0 E	25
26	5.32	3.85	3.92E	12.5 E	26.0E	42.1	---	---	---	---	15.5 E	42.0 E	26
27	7.86	3.75	3.88E	14.5 E	28.0E	34.0	---	---	---	---	13.5 E	35.0 E	27
28	8.83	3.80B	3.85E	17.0 E	31.0E	30.1A	---	---	---	---	12.0 A	28.0 E	28
29	13.5		3.80E	18.0 E	34.0E	28.0E	---	---	---	---	10.5	23.5 E	29
30	30.4		3.85E	22.5 E	40.0E	25.0E	---	---	---	---	10.4	20.0 E	30
31	11.5		3.94E		47.0E		---	---	---	---		18.5 E	31
TOTAL	183.94	110.94	111.05	262.86	868.3	1 144.8	---	---	---	---	1 058.20	888.00	TOTAL
MEAN	5.93	4.26	3.58	8.77	27.7	38.2	---	---	---	---	35.3	18.3	MEAN
MAX	30.4	8.75	3.95	22.5	47.0	58.0	---	---	---	---	130	58.0	MAX
MIN	3.35	3.44	3.20	3.80	18.1	17.5	---	---	---	---	8.50	7.60	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 130E ON NOV 9
MINIMUM DAILY, 3.20E ON MAR 13

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 23 22 N
LONG 126 27 37 W
DRAINAGE AREA, 288 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 900	JUL	---
FEB	10 400	AUG	---
MAR	9 580	SEP	---
APR	22 700	OCT	---
MAY	74 200	NOV	91 400
JUN	98 800	DEC	51 700

OKANAGAN LAKE AT KELOWNA - STATION NO. 08NM083

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.450	1.420	1.408	1.438	1.810	2.124	2.191	1.978	1.871	1.702	1.583	1.580	1
2	1.448	1.414	1.400	1.435	1.830	2.133	2.192	1.986	1.882	1.693	1.581	1.580	2
3	1.449	1.410	1.401	1.437	1.847	2.148	2.181	1.956	1.881	1.687	1.584	1.558	3
4	1.448	1.408	1.398	1.439	1.888A	2.154	2.191	1.957	1.878	1.682	1.589	1.556	4
5	1.447	1.405	1.400	1.442	1.882	2.180	2.181	1.949	1.873	1.678	1.588	1.554	5
6	1.448	1.402	1.404	1.444	1.781	2.181	2.178	1.948	1.888	1.671	1.588	1.555	6
7	1.441	1.401	1.398	1.445	1.728	2.184	2.170	1.937	1.884	1.684	1.588	1.558	7
8	1.441	1.397	1.397	1.442	1.782	2.171	2.158	1.930	1.883	1.690	1.584	1.563	8
9	1.445	1.397	1.400	1.444	1.778	2.173	2.148	1.928	1.857	1.686	1.582	1.557	9
10	1.449	1.398	1.403	1.441	1.804	2.168	2.144	1.924	1.847	1.842	1.580	1.556	10
11	1.445	1.394	1.400	1.443	1.834	2.170	2.138	1.913	1.841	1.835	1.584	1.553	11
12	1.445	1.392	1.403	1.443	1.851	2.172	2.128	1.908	1.835	1.828	1.587	1.548	12
13	1.443	1.390	1.410	1.446	1.868	2.181	2.121	1.905	1.826	1.821	1.587	1.548	13
14	1.441	1.388	1.413	1.448	1.861	2.170	2.117	1.904	1.818	1.818	1.588	1.544	14
15	1.441	1.388	1.418	1.449	1.880	2.178	2.127	1.900	1.804	1.808	1.588	1.540	15
16	1.445	1.391	1.414	1.452	1.902	2.182	2.128	1.901	1.792	1.800	1.587	1.541	16
17	1.444	1.389	1.414	1.457	1.917	2.181	2.120	1.908	1.780	1.794	1.588	1.542	17
18	1.447	1.390	1.413	1.468	1.933	2.188	2.118	1.901	1.770	1.788	1.583	1.548	18
19	1.444	1.393	1.418	1.470	1.947	2.188	2.111	1.906	1.784	1.780	1.581	1.548	19
20	1.444	1.394	1.418	1.482	1.949	2.190	2.106	1.898	1.784	1.781	1.588	1.548	20
21	1.441	1.394	1.421	1.500	1.954	2.190	2.091	1.888	1.747	1.780	1.589	1.543	21
22	1.438	1.393	1.421	1.508	1.954	2.195	2.077	1.885	1.747	1.778	1.587	1.543	22
23	1.438	1.392	1.423	1.517	1.960	2.194	2.068	1.887	1.741	1.775	1.585	1.547	23
24	1.437	1.402	1.424	1.528	1.964	2.194	2.053	1.884	1.738	1.780	1.585	1.538	24
25	1.438	1.400	1.425	1.541	2.007	2.197	2.043	1.881	1.732	1.773	1.583	1.537	25
26	1.439	1.401	1.430	1.548	2.021	2.190	2.030	1.882	1.732	1.777	1.583	1.536	26
27	1.434	1.407	1.434	1.582	2.043	2.181	2.023	1.875	1.724	1.778	1.585	1.533	27
28	1.430	1.407	1.435	1.573	2.084	2.188	2.018	1.878	1.721	1.772	1.584	1.530	28
29	1.425		1.438	1.581	2.082	2.185	2.010	1.871	1.718	1.773	1.580	1.529	29
30	1.421		1.438	1.595	2.100	2.182	2.001	1.872	1.712	1.688	1.580	1.527	30
31	1.423		1.438		2.113		1.991	1.872		1.683		1.528	31
MEAN	1.440	1.398	1.418	1.481	1.880	2.178	2.108	1.910	1.788	1.816	1.585	1.548	MEAN
MAX	1.450	1.420	1.438	1.595	2.113	2.197	2.192	1.978	1.882	1.702	1.589	1.583	MAX
MIN	1.421	1.388	1.397	1.435	1.810	2.124	1.991	1.871	1.712	1.683	1.580	1.528	MIN

WATER LEVELS IN METRES

MEAN, 1.688
MAXIMUM DAILY, 2.197 ON JUN 25
MINIMUM DAILY, 1.388 ON FEB 14
MAXIMUM INSTANTANEOUS,
2.230 AT 17:35 PST ON JUN 24

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 340.397 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 10 N
LONG 119 29 50 W

A - MANUAL GAUGE

REGULATED

OKANAGAN RIVER AT OKANAGAN FALLS - STATION NO. 08NM002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.23	5.70B	3.87	4.75	9.81	31.6	17.4	29.7	7.84E	16.8	7.71	7.59	1
2	4.23	5.79	4.03	4.59	10.1	32.0	17.4	27.0	9.00A	16.8	8.05	7.55	2
3	4.51	5.63	4.05	4.62	10.2	37.9	17.6	26.8	11.8	16.6	8.55	7.53	3
4	4.82	5.61	4.04	5.89	9.83	37.9	20.0	26.7	11.6	16.7	8.50	7.57	4
5	4.85	5.62	3.96	7.49	9.22	38.0	23.0	26.8	11.6	17.1	8.59	7.58	5
6	4.78	5.65	4.08	8.89	9.25	38.2	26.3	26.8	11.6	17.1	8.35	7.58	6
7	4.84	5.82	4.23	9.21	9.46	38.2	27.3	26.4	15.2 A	17.0	7.85	7.46	7
8	4.87	5.86	4.38	9.27	9.49	37.0	26.4	19.6	25.7	17.0	7.52	7.12	8
9	4.85	5.90	4.31	9.28	9.34	36.0	26.9	15.7	28.4	17.0	7.05	7.08	9
10	4.78	5.26	4.36	10.1	9.39	35.8	26.8	15.7	29.1	17.1	6.98	7.15	10
11	4.78	4.79	4.33	10.8	9.96	35.9	26.0	14.8	29.0	17.1	7.05	7.13	11
12	5.05	4.66	4.25	10.8	10.8	35.6	26.4	13.8	28.3	17.0	8.87	7.21	12
13	4.13	4.71	4.31	10.7	11.2	30.7	26.6	12.4	30.0	17.0	8.85	7.21	13
14	3.61	4.80	4.34	10.7	11.0	28.2	27.2	13.0	31.0	17.0	8.80	7.31	14
15	3.43	4.82	4.39	10.4	10.9	20.4	28.7	12.4	31.8	17.1	7.07	7.43	15
16	3.81	4.47	4.22	10.4	11.7	15.7	28.7	12.4	32.0	17.0	8.83	7.47	16
17	3.80	4.67	3.81	10.5	12.1	15.6	30.4	12.5	32.3	16.4	8.78	7.47	17
18	3.88	4.47	4.18	10.7	8.21	15.8	33.3	12.4	24.1	15.7	8.78	7.48	18
19	4.15	4.58	4.25	10.6	7.62	17.1	35.8	12.4	18.1	15.8	8.66	7.33	19
20	4.83	4.33	4.21	10.6	7.42	17.8	37.8	12.4	17.8	15.0	8.78	7.33	20
21	4.83	3.83	4.23	10.5	7.46	22.8	37.6	12.5	15.8	13.8	8.86	7.33	21
22	4.77	3.84	4.43	10.5	7.51	21.6	36.9	12.5	13.4	13.6	7.16	7.32	22
23	4.73	3.82	4.31	10.4	7.40	17.3	37.1	12.6	13.4	14.0	7.07	7.34	23
24	4.78	3.88	4.31	10.2	7.39	17.5	36.5	12.5	13.8	14.0	7.45	7.34	24
25	5.07	3.93	4.34	9.88	7.33	17.5	35.9	11.5	14.0	14.0	7.53	7.30	25
26	5.27	4.00	4.30	9.87	7.28	17.1	36.0	10.3	14.7	13.9	7.57	7.18	26
27	5.23	4.02	4.33	9.84	8.87	17.5	35.5	10.3	14.8	13.8	7.58	7.26	27
28	5.21	3.98	4.47	9.82	8.87	17.8	34.9	9.27	15.8	13.8	7.58	7.40	28
29	5.19		4.48	8.80	7.08	17.7	34.7	7.87	15.8	13.7	7.88	7.38	29
30	5.83		4.81	8.71	11.7	17.8	34.8	7.88A	15.8	11.1	7.80	7.44	30
31	5.81		4.77		23.3		34.6	7.88E		7.70		7.46	31
TOTAL	144.10	133.46	133.08	279.48	288.32	784.2	924.7	485.18	588.84	477.70	223.84	228.82	TOTAL
MEAN	4.65	4.77	4.29	9.32	9.62	26.1	29.8	15.7	19.6	15.4	7.42	7.27	MEAN
MAX	5.81	5.79	4.81	10.9	23.3	38.2	37.8	29.7	32.3	17.1	8.59	7.58	MAX
MIN	3.41	3.82	3.81	4.62	5.87	15.6	17.4	7.88	7.84	7.70	6.76	7.08	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.8
MAXIMUM DAILY, 38.2 ON JUN 6
MINIMUM DAILY, 3.41 ON JAN 14
MAXIMUM INSTANTANEOUS,
38.8 AT 08:22 PST ON JUN 6

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 20 26 N
LONG 119 34 40 W
DRAINAGE AREA, 8 880 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 500	JUL	79 800
FEB	11 800	AUG	41 800
MAR	11 800	SEP	50 700
APR	24 100	OCT	41 300
MAY	25 800	NOV	19 200
JUN	67 800	DEC	19 700

TOTAL DISCHARGE, 408 000 dam³

OKANAGAN RIVER AT PENTICTON - STATION NO. 08NM050

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.70	3.50B	3.52	4.00	8.71	31.2	14.5	27.8	5.06	15.5	8.15	5.85	1
2	3.70	3.48B	3.50	3.87	9.08	38.1	14.6	24.4	13.0	15.6	7.44	5.85	2
3	3.48	3.49B	3.46	3.86	9.25	38.2	14.2	24.5	15.7	15.3	7.22	5.85	3
4	3.81	3.48B	3.42	5.83	9.28	38.2	18.1	24.7	15.9	17.1	7.23	5.80	4
5	3.71	3.48B	3.44	7.04	9.33	38.3	27.0	24.9	13.2	17.5	7.27	5.75	5
6	3.94	3.47B	3.47	7.91	9.33	38.4	29.8	25.0	11.1	17.8	8.02	5.74	6
7	4.11	3.48B	3.44	8.71	9.36	38.4	30.0	25.2	13.4	17.8	8.86	5.83	7
8	4.13	3.48B	3.43	8.70	9.42	33.7	29.9	19.4	23.8	17.8	8.83	5.88	8
9	4.14	3.44A	3.83	8.71	9.43	31.4	29.9	18.0	27.7	17.8	8.04	7.40	9
10	3.98	4.15	3.72	8.33	9.87	28.3	28.7	15.3	27.8	18.0	8.01	7.28	10
11	3.85	4.81	3.86	8.11	9.80	28.4	28.8	11.7	31.8	18.2	6.81	7.18	11
12	3.80	4.83	3.83	8.04	9.82	28.4	28.5	8.87	36.1	18.2	6.87	7.14	12
13	3.85	4.82	3.71	8.06	9.81	28.0	28.5	8.73	41.3	18.2	6.83	7.08	13
14	3.28	4.82	3.71	8.06	9.82	23.4	28.4	8.85	44.5	18.2	6.81	6.86	14
15	3.31	4.80	3.87	8.03	9.82	18.6	28.8	8.28	38.8	18.3	6.78	6.87	15
16	3.30	4.82	3.86	8.03	9.75	14.1	28.4	11.2	35.0	18.3	6.78	6.82	16
17	3.30	4.83	3.86	8.00	9.81	14.6	28.5	12.8	34.9	18.3	6.78	6.78	17
18	3.30	4.88	3.43	8.01	7.33	14.5	28.5	14.4	33.4	18.3	6.78	6.71	18
19	3.28	4.80	3.38	8.04	8.77	14.5	32.1	17.4	17.6	17.4	6.78	6.72	19
20	3.38	4.47	3.38	8.07	8.74	14.3	37.8	17.8	17.8	16.8	6.81	6.68	20
21	3.35	3.86	3.40	8.08	8.73	18.4	38.5	17.7	18.1	16.8	6.78	6.58	21
22	3.30	3.86	3.61	8.07	8.74	17.8	38.7	17.7	13.7	16.0	6.78	6.67	22
23	3.31	3.86	3.36	8.08	8.80	14.1	38.8	17.7	13.8	15.1	6.88	6.6(	23
24	3.38	3.80	3.28	8.08	8.84	14.1	38.4	17.7	13.8	12.4	6.83	6.61	24
25	3.41	3.83	3.22	8.08	8.82	14.1	38.1	13.2	13.8	10.8	6.83	6.49	25
26	3.43	3.82	3.21	8.10	8.75	14.0	38.8	11.2	13.8	10.8	6.81	6.47	26
27	3.48	3.80	3.19	8.38	8.84	14.1	34.8	7.82	13.8	8.84	6.83	6.42	27
28	3.46	3.80	3.88	8.78	8.88	14.1	33.8	4.04	14.3	8.37	6.86	6.38	28
29	3.42		3.94	8.72	8.83	14.2	33.8	0.849A	12.7	8.44	6.86	6.36	29
30	3.48		3.88	8.72	8.18	14.4	33.8	1.01	15.8	8.47	6.88	6.82	30
31	3.48		3.88		30.3		34.1	3.87		8.81		8.80	31
TOTAL	108.14	112.34	108.88	230.47	280.08	683.8	939.4	488.888	628.38	473.73	188.82	180.48	TOTAL
MEAN	3.48	4.01	3.84	7.88	9.39	22.8	30.8	16.8	21.0	15.3	6.96	6.14	MEAN
MAX	4.14	4.83	3.88	8.78	30.3	38.4	38.7	27.8	44.5	18.3	8.15	6.88	MAX
MIN	3.71	3.44	3.19	3.86	8.84	14.0	14.2	0.849	5.06	8.37	4.78	5.38	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.8
MAXIMUM DAILY, 44.5 ON SEP 14
MINIMUM DAILY, 0.849A ON AUG 29
MAXIMUM INSTANTANEOUS,
44.7 AT 13:21 PST ON SEP 14

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 44 N
LONG 119 36 56 W
DRAINAGE AREA, 8 050 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 340	JUL	80 300
FEB	9 710	AUG	38 700
MAR	9 480	SEP	54 400
APR	19 900	OCT	40 800
MAY	22 500	NOV	16 700
JUN	58 100	DEC	15 800

TOTAL DISCHARGE, 377 000 dam³

OKANAGAN RIVER NEAR OLIVER - STATION NO. 08NM083

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.33	5.088	4.51	4.28	11.7 A	29.5	16.1	28.7	7.18	15.0	8.53	7.71	1
2	4.34	5.188	4.51	4.37	11.0	38.5	16.1	25.8	8.90	15.0	7.87	7.74	2
3	4.32	5.308	4.49	4.40	11.0	40.4	15.8	24.1	11.4	15.3	8.08	7.78	3
4	4.33	5.288	4.44	5.61	10.8	40.6	16.2	23.3	11.4	15.4	8.10	8.08	4
5	4.38	5.208	4.43	8.22	11.2	40.8	19.1	23.1	11.7	15.3	7.90	8.15	5
6	4.38	5.188	4.44	10.3	11.6	41.8	20.8	22.8	11.8	15.5	7.89	8.14	6
7	3.88	5.608	4.42	9.82	12.3	41.1	22.0	22.8	12.6	15.5	8.31	8.04	7
8	4.47	5.93	4.37	9.55	13.0	38.6	23.0	21.5	16.9	15.8	8.48	7.82	8
9	4.80	5.83	4.33	9.50	14.4	36.1	22.7	17.1	23.7	16.0	8.30	7.85	9
10	4.44	5.83	4.37	9.58	16.4	37.3	23.1	15.5	26.3	16.8	8.38	7.88	10
11	4.48	5.81	4.48	9.82	16.4	38.3	22.8	14.8	28.6	15.8	8.51	7.83	11
12	4.48	5.78	4.48	9.71	14.8	36.4	22.6	14.2	28.8	15.7	8.46	7.70	12
13	4.84	5.72	4.81	10.1	13.8	34.2	23.1	13.8	28.8	15.8	8.20	7.74	13
14	4.84	5.81	4.41	10.8	13.0	30.9	24.3	11.4	27.4	16.0	8.20	7.81	14
15	4.49	4.84	3.88	11.2	12.8	28.8	28.8	10.8	26.8	16.1	8.00	7.74	15
16	4.44	4.80	3.74	11.8	12.3	21.1	27.1	11.7	26.8	16.8	8.00	7.81	16
17	4.48	4.88	4.10	11.1	12.4	18.3	27.2	12.3	30.3	17.1	7.88	7.88	17
18	4.48	4.80	4.48	9.85	12.7	18.4	28.1	12.0	26.8	16.8	7.84	7.80	18
19	4.43	4.80	4.48	10.4	10.0	18.2	31.8	11.8	20.8	16.8	7.81	7.88	19
20	4.42	4.80	4.88	11.8	9.88	17.8	34.2	11.7	17.7	16.8	7.87	7.78	20
21	4.44	4.81	5.10	12.1	9.48	17.8	33.8	11.8	15.2	14.8	7.88	7.88	21
22	4.46	4.74	5.02	11.1	9.18	18.4	33.8	11.7	13.7	14.8	7.81	7.87	22
23	4.61	4.63	4.84	10.8	9.80	18.8	33.4	11.8	12.8	14.8	7.80	7.88	23
24	4.48	4.73	4.88	11.2	10.3	18.2	33.7	11.8	12.2	16.2	8.38	7.89	24
25	4.80	4.88	4.80	11.8	9.71	18.7	33.0	11.2	12.2	13.8	8.22	7.88	25
26	4.67	4.63	4.82	11.8	9.47	18.5	32.4	10.8	12.2	15.0	8.14	7.70	26
27	4.81	4.85	4.81	11.7 A	11.2	18.2	32.3	9.98	12.8	14.8	8.24	7.87	27
28	4.84	4.67	4.88	12.2 E	14.1	18.3	31.3	8.80	13.4	14.7	8.13	7.88	28
29	4.82		4.82	12.3 E	13.1	18.4	31.1	8.17	14.0	14.5	8.13	7.84	29
30	5.11		4.72	12.1 E	15.4	18.8	30.8	7.10	14.8	13.8	8.02	7.82	30
31	5.308		4.37		23.8		30.8	6.81		8.84		7.84	31
TOTAL	140.77	147.80	140.88	286.43	384.88	803.4	820.8	458.34	540.09	472.84	242.82	238.88	TOTAL
MEAN	4.54	5.28	4.55	9.55	12.4	26.8	26.5	14.8	18.0	15.2	8.09	7.73	MEAN
MAX	5.30	5.30	5.10	12.3	23.8	41.8	34.2	28.7	30.3	17.1	8.53	8.15	MAX
MIN	3.88	4.67	3.74	4.28	9.18	18.2	15.8	6.81	7.18	8.84	7.81	7.83	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.8
MAXIMUM DAILY, 41.8 ON JUN 6
MINIMUM DAILY, 3.74 ON MAR 16
MAXIMUM INSTANTANEOUS,
42.5 AT 08:00 PST ON JUN 7

SUMMARY FOR THE YEAR 1989

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 06 53 N
LONG 119 33 50 W
DRAINAGE AREA, 7 890 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	12 200	JUL	70 900
FEB	12 800	AUG	39 700
MAR	12 200	SEP	46 700
APR	25 800	OCT	40 800
MAY	33 200	NOV	21 000
JUN	69 400	DEC	20 700

TOTAL DISCHARGE, 406 000 dam³

OKANOGAN RIVER AT BRIDGE STREET AT OROVILLE - STATION NO. 08NM131

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.388	3.456	3.406	3.472	3.433	3.458	3.463	3.420	3.377	3.441	3.478	3.420	1
2	3.392	3.441	3.406	3.478	3.432	3.432	3.468	3.441	3.377	3.435	3.476	3.411	2
3	3.392	3.444	3.388	3.481	3.435	3.428	3.476	3.460	3.388	3.432	3.478	3.411	3
4	3.388	3.441	3.385	3.478	3.436	3.428	3.487	3.453	3.388	3.436	3.484	3.417	4
5	3.388	3.444	3.388	3.480	3.438	3.402	3.472	3.460	3.406	3.441	3.484	3.420	5
6	3.406	3.460	3.408	3.488	3.460	3.376	3.472	3.480	3.406	3.447	3.478	3.423	6
7	3.406	3.463	3.408	3.505	3.488	3.388	3.484	3.463	3.406	3.447	3.476	3.420	7
8	3.402	3.458	3.408	3.488	3.488	3.414	3.480	3.447	3.388	3.450	3.488	3.420	8
9	3.406	3.458	3.411	3.484	3.483	3.417	3.490	3.441	3.385	3.456	3.489	3.423	9
10	3.408	3.463	3.414	3.478	3.483	3.388	3.478	3.438	3.417	3.483	3.489	3.423	10
11	3.411	3.463	3.423	3.472	3.480	3.388	3.488	3.444	3.414	3.447	3.488	3.417	11
12	3.411	3.463	3.432	3.488	3.432	---	3.488	3.463	3.380	3.488	3.478	3.414	12
13	3.414	3.488	3.438	3.483	3.428	---	3.483	3.488	3.383	3.488	3.488	3.411	13
14	3.411	3.488	3.441	3.488	3.414	3.428	3.483	3.488	3.380	3.472	3.483	3.411	14
15	3.408	3.483	3.444	3.488	3.414	3.447	3.472	3.444	3.380	3.478	3.488	3.414	15
16	3.408	3.488	3.444	3.483	3.423	3.438	3.420	3.444	3.380	3.478	3.483	3.408	16
17	3.411	3.447	3.441	3.438	3.420	3.417	3.417	3.447	3.382	3.472	3.480	3.408	17
18	3.411	3.438	3.447	3.388	3.480	3.423	3.428	3.480	3.388	3.488	3.447	3.402	18
19	3.411	3.423	3.480	3.388	3.488	3.480	3.428	3.450	3.380	3.488	3.444	3.388	19
20	3.411	3.411	3.447	3.408	3.488	3.483	3.438	3.480	3.383	3.488	3.444	3.388	20
21	3.414	3.402	3.483	3.438	3.488	3.488	3.432	3.480	3.388	3.488	3.483	3.402	21
22	3.417	3.402	3.488	3.420	3.447	3.484	3.423	3.480	3.347	3.447	3.441	3.388	22
23	3.417	3.408	3.483	3.411	3.444	3.488	3.420	3.480	3.344	3.447	3.428	3.388	23
24	3.417	3.408	3.483	3.414	3.483	3.488	3.420	3.441	3.388	3.447	3.428	3.388	24
25	3.417	3.402	3.488	3.408	3.488	3.488	3.411	3.438	3.374	3.444	3.428	3.383	25
26	3.417	3.388	3.488	3.408	3.488	3.488	3.414	3.438	3.380	3.438	3.432	3.380	26
27	3.423	3.388	3.488	3.408	3.488	3.488	3.414	3.438	3.382	3.483	3.428	3.380	27
28	3.428	3.408	3.478	3.408	3.484	3.458	3.417	3.432	3.408	3.488	3.423	3.380	28
29	3.428		3.481	3.402	3.488	3.488	3.417	3.428	3.417	3.472	3.433	3.377	29
30	3.428		3.478	3.388	3.488	3.483	3.414	3.411	3.432	3.478	3.428	3.374	30
31	3.488		3.481		3.444		3.414	3.388		3.478		3.388	31
MEAN	3.412	3.436	3.438	3.448	3.448	---	3.448	3.442	3.380	3.458	3.484	3.402	MEAN
MAX	3.488	3.488	3.481	3.505	3.488	---	3.490	3.488	3.432	3.478	3.484	3.423	MAX
MIN	3.388	3.388	3.388	3.388	3.414	---	3.411	3.388	3.344	3.432	3.423	3.388	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 3.505 ON APR 7
MINIMUM DAILY, 3.344 ON SEP 23
MAXIMUM INSTANTANEOUS,
3.527 ON APR 7

SUMMARY FOR THE YEAR 1989

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 56 30 N
LONG 119 26 36 W

REGULATED

DRAINAGE AREA,
8 110 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 274.320 m ADJUSTMENT TO CONVERT TO UNITED STATES COAST AND GEODETIC SURVEY DATUM

OKANOGAN RIVER AT OROVILLE - STATION NO. 08NM127

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.78	4.28B	4.78	4.84	7.45	24.3	11.8	23.1	7.83	11.4	8.85	8.84	1
2	4.33	4.61B	4.78	4.84	7.82	31.7	11.8	20.2	7.50	12.8	8.38	8.84	2
3	4.42	4.38B	4.78	4.81	7.87	30.8	11.2	18.2	7.50	13.2	8.38	8.84	3
4	4.46	5.72	4.78	4.80	7.82	32.3	11.8	18.2	7.50	13.2	8.38	8.84	4
5	4.46	5.88	4.78	8.23	7.43	37.4	13.5	18.2	7.88	14.0	8.38	8.78	5
6	4.46	5.78	4.78	8.84	7.50	38.1	13.8	18.2	8.27	14.8	8.17	8.78	6
7	4.46	5.80	4.84	10.0	7.58	33.4	16.1	18.2	8.03	15.3	8.34	8.78	7
8	4.46	5.83	4.83	12.1	8.38	31.1	18.1	18.2	11.8	15.3	8.28	8.78	8
9	4.48	5.82	4.83	12.4	11.4	34.6	17.1	17.4	14.1	15.8	8.34	8.78	9
10	4.48	6.12	4.83	12.4	17.6	35.7	21.2	12.7	15.8	15.8	8.34	8.78	10
11	4.48	6.20	4.83	12.4	18.8	33.4	22.1	8.74	22.4	16.5	8.88	8.78	11
12	4.61	6.20	4.83	12.4	18.7	30.3	19.4	8.28	28.8	16.7	8.34	8.78	12
13	5.44	6.20	4.83	12.4	13.8	27.8	16.4	8.28	30.0	16.7	8.41	8.78	13
14	6.08	6.20	4.83	12.4	13.8	25.8	15.4	8.28	28.3	16.7	8.88	8.78	14
15	6.08	7.14	4.83	12.4	10.4	26.4	23.8	8.20	27.1	16.7	8.41	8.78	15
16	5.24	6.50	4.83	12.4	8.06	27.7	28.4	8.20	27.1	16.8	8.78	8.78	16
17	4.87	6.68	4.83	17.4	8.85	20.8	28.7	8.20	27.3	17.8	8.78	8.78	17
18	4.70	6.20	4.83	17.3	8.37	14.0	22.8	8.08	27.3	17.7	8.78	8.78	18
19	4.87	6.12	4.83	12.7	7.66	8.20	25.5	8.08	27.1	17.7	8.78	8.78	19
20	4.87	6.84	4.83	7.23	8.32	8.88	25.8	8.08	21.7	17.8	8.78	8.78	20
21	4.73	7.42	4.83	11.0	8.23	10.8	26.8	8.03	18.8	17.8	8.81	8.78	21
22	4.73	6.87	4.83	14.1	8.08	11.8	28.2	8.00	18.3	17.8	8.78	8.87	22
23	4.73	6.87	4.80	14.0	8.08	12.8	28.2	8.88	13.8	17.8	8.78	8.84	23
24	4.73	6.87	4.84	12.8	8.18	12.8	28.2	8.88	8.88	17.7	8.78	8.84	24
25	4.87	6.87	4.84	12.1	8.23	12.8	26.3	8.72	8.83	17.7	8.78	8.84	25
26	4.83	6.87	4.81	12.0	8.20	12.8	27.8	8.80	8.82	18.7	8.78	8.84	26
27	4.83	6.86	4.84	12.0	8.34	12.3	27.0	8.80	8.82	14.0	8.78	8.84	27
28	4.83	4.81	4.87	12.0	8.87	11.7	26.8	8.80	8.82	12.8	8.88	8.84	28
29	4.83		4.80	11.8	8.88	11.8	28.8	8.35	8.80	12.8	8.87	8.72	29
30	4.83		4.81	10.8	17.0	11.8	28.8	8.36	11.3	12.7	8.88	8.82	30
31	4.83B		4.87		27.1		28.8	8.21		12.8		8.82	31
TOTAL	148.43	184.18	181.21	332.88	328.80	676.18	681.8	376.11	480.32	477.1	385.71	270.82	TOTAL
MEAN	4.79	6.58	4.86	11.1	10.8	22.8	22.0	12.1	16.0	15.4	8.88	8.74	MEAN
MAX	6.08	8.20	4.83	17.4	27.1	38.1	28.4	23.1	30.0	17.8	8.85	8.82	MAX
MIN	4.33	4.28	4.78	4.81	6.37	8.20	11.2	8.21	7.50	11.4	8.38	8.84	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.0
MAXIMUM DAILY, 38.1 ON JUN 6
MINIMUM DAILY, 4.28B ON FEB 1

SUMMARY FOR THE YEAR 1989

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 55 51 N
LONG 119 35 08 W
DRAINAGE AREA, 8 280 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 600	JUL	58 600
FEB	16 800	AUG	32 600
MAR	13 100	SEP	41 800
APR	28 700	OCT	41 200
MAY	28 900	NOV	33 000
JUN	58 300	DEC	23 400

TOTAL DISCHARGE, 378 000 dam³

OMINECA RIVER ABOVE OSILINKA RIVER - STATION NO. 07EC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.28	14.88	12.28	13.28	136E	372	134	82.0	48.4	48.8	82.1	41.88	1
2	20.38	14.28	12.08	13.78	145A	381	138	81.1	48.8	48.8	48.8	42.48	2
3	20.48	14.18	11.88	14.08	188	378	138	81.8	48.8	48.0	48.8	42.48	3
4	20.58	13.88	12.28	14.88	212	368	140	81.0	43.8	41.4	81.0	43.88	4
5	20.38	13.88	12.78	14.88	258	371	138	80.0	42.2	40.6	83.4	43.48	5
6	20.08	13.68	12.88	15.48	306	378	138	80.8	42.2	42.8	84.2	43.08	6
7	19.38	13.78	13.08	16.18	345	373	132	83.8	40.8	46.8	84.0	42.08	7
8	18.38	13.68	12.88	16.88	372	334	138	83.7	38.1	43.0	83.2	40.88	8
9	17.08	13.88	12.88	17.18	386	301	133	80.2	38.3	42.1	82.0	38.78	9
10	16.88	13.38	12.78	17.88	383	288	134	84.8	38.8	42.8	48.08	38.88	10
11	16.38	13.28	12.88	17.78	387	273	133	88.2	38.7	47.7	48.08	37.28	11
12	16.38	13.18	12.88	17.88	344	288	118	72.2	38.2	47.1	38.78	36.88	12
13	16.48	13.08	12.88	16.18	287	277	107	84.6	33.1	48.1	38.88	38.08	13
14	16.78	12.98	12.88	16.78	280	280	101	84.6	31.8	44.8	39.88	35.88	14
15	16.88	12.88	13.38	19.28	281	283	88.8	82.4	30.7	43.2	41.88	35.88	15
16	16.88	12.88	13.18	19.88	287	288	83.4	88.8	30.1	41.4	42.88	36.88	16
17	16.68	12.48	11.88	21.08	283	208	87.0	88.8	30.3	38.6	43.88	36.88	17
18	16.78	12.28	11.78	22.88	284	188	84.8	84.8	30.1	38.3	44.18	34.88	18
19	16.28	12.18	11.78	26.08	244	178	82.8	82.7	30.1	43.7	44.08	33.78	19
20	16.78	12.08	11.88	28.88	232	188	84.8	88.4	30.2	82.1	43.88	32.68	20
21	16.38	12.38	11.88	28.2E	223	148	84.2	88.7	33.1	88.2	41.88	31.88	21
22	16.28	12.68	11.78	30.0E	213	138	78.1	88.4	37.8	88.7	40.88	30.88	22
23	16.38	12.78	11.78	32.2E	203	128	78.2	81.2	40.8	88.3	40.08	30.88	23
24	16.38	12.88	11.88	36.7E	197	128	75.3	83.4	38.8	81.0	38.88	30.88	24
25	16.88	12.98	11.88	38.0E	200	130	70.8	82.4	37.1	87.8	40.08	31.08	25
26	16.98	12.98	11.88	48.0E	187	137	85.3	88.8	34.8	88.3	40.48	32.88	26
27	16.08	12.78	12.08	84.0E	188	187	81.8	84.8	33.3	88.8	41.08	34.08	27
28	16.88	12.88	12.28	85.0E	188	183	88.8	82.7	31.3	88.3	40.88	36.28	28
29	16.88		12.88	78.0E	218	143	88.4	80.8	31.0	84.3	40.88	36.88	29
30	16.28		12.88	101 E	268	128	87.8	48.8	78.8	83.8	40.88	36.88	30
31	14.88		13.08		324		84.2	48.3		82.8		36.78	31
TOTAL	536.8	386.3	378.8	870.2	7 978	7 304	3 083.3	1 788.2	1 091.7	1 826.8	1 340.8	1 138.0	TOTAL
MEAN	17.0	13.1	12.3	28.0	257	243	88.8	88.7	36.4	48.3	44.7	36.7	MEAN
MAX	20.5	14.8	13.8	101	393	381	143	72.2	48.8	88.7	84.2	43.8	MAX
MIN	14.8	12.8	11.8	13.2	128	128	84.2	48.3	30.1	38.3	38.7	30.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 74.8
MAXIMUM DAILY, 393 ON MAY 10
MINIMUM DAILY, 11.8B ON MAR 30
MAXIMUM INSTANTANEOUS
398 AT 14:02 PST ON MAY 10

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 55 09 N
LONG 124 33 53 W
DRAINAGE AREA, 5 480 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	46 800	JUL	284 000
FEB	31 800	AUG	153 000
MAR	32 600	SEP	84 300
APR	78 200	OCT	133 000
MAY	888 000	NOV	116 000
JUN	831 000	DEC	88 400

TOTAL DISCHARGE, 2 380 000 dam³

OSILINKA RIVER NEAR END LAKE - STATION NO. 07EC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.028	5.058	5.308	5.228	38.0	186	85.0	28.8	20.8	25.7	17.6	11.6 B	1
2	5.018	5.068	5.268	5.308	62.9	184	87.8	29.6	20.6	24.5	17.6	12.1 B	2
3	5.158	5.008	5.308	5.358	82.1	186	70.7	29.0	20.1	22.3	17.1	12.2 B	3
4	5.128	5.058	5.358	5.428	93.4	153	70.3	28.1	19.5	20.4	17.3	13.3 B	4
5	5.108	5.008	5.388	5.808	76.5	167	71.2	27.3	19.8	20.1	17.8	12.0 B	5
6	7.808	5.758	5.388	5.808	68.9	180	69.4	26.8	19.1	20.7	17.6	11.2 B	6
7	7.408	5.758	5.368	5.708	102	168	68.6	30.4	18.3	20.8	17.1	10.3 B	7
8	7.108	5.858	5.358	5.658	112	148	72.0	29.5	17.7	20.2	16.6	10.0 B	8
9	6.908	5.808	5.338	5.858	118	139	70.0	27.4	17.3	20.0	16.1	10.5 B	9
10	6.858	5.578	5.338	6.108	123	134	64.8	31.3	16.8	21.0	16.4	10.8 B	10
11	6.828	5.528	5.328	6.148	123	132	61.7	36.2	16.1	21.2	16.2	10.8 B	11
12	6.848	5.488	5.328	6.248	108	136	57.7	39.1	15.5	19.9	12.1	10.7 B	12
13	6.848	5.458	5.338	6.308	88.6	142	53.8	34.8	15.1	19.2	10.5	10.3 B	13
14	6.858	5.428	5.338	6.388	81.7	148	51.4	32.1	14.7	18.7	10.48	10.2 B	14
15	6.858	5.408	5.208	6.508	82.8	148	50.5	30.4	14.1	17.8	10.88	10.1 B	15
16	6.888	5.368	5.108	6.688	80.5	128	47.7	28.4	13.8	18.8	10.78	10.2 B	16
17	6.868	5.378	5.008	6.808	82.1	84.1	45.8	26.0	13.6	16.8	11.88	10.2 B	17
18	6.888	5.368	4.958	7.288	84.5	82.8	43.2	29.8	13.5	18.8	11.88	10.0 B	18
19	6.808	5.328	4.908	7.808	81.3	78.1	42.0	31.2	13.4	19.1	12.08	9.808	19
20	6.708	5.388	4.858	8.298	80.4	72.1	43.2	28.7	13.4	21.5	11.88	9.888	20
21	6.708	5.388	4.808	9.208	78.0	86.0	41.4	26.8	13.8	23.8	11.88	9.288	21
22	6.708	5.418	4.758	11.1 B	73.4	83.8	38.8	27.8	14.7	24.4	11.88	8.908	22
23	6.708	5.458	4.788	12.0 B	88.7	82.7	36.7	28.7	16.0	23.8	11.28	8.788	23
24	6.888	5.508	4.788	13.0 B	87.8	85.8	38.2	29.8	15.1	21.8	11.08	8.808	24
25	6.888	5.508	4.808	14.3 B	88.3	88.0	33.2	28.2	15.4	20.7	11.18	8.188	25
26	6.588	5.488	4.838	15.8 B	88.4	74.2	31.7	28.1	14.8	20.3	11.48	8.808	26
27	6.538	5.438	4.908	18.8	88.5	81.2	30.1	24.7	13.8	20.7	11.78	10.1 B	27
28	6.428	5.408	4.888	21.8	70.8	80.8	30.0	24.0	13.2	19.6	11.88	10.4 B	28
29	6.388		5.028	28.2	80.1	78.4	31.5	23.0	13.7	18.6	11.88	10.8 B	29
30	6.268		5.088	30.7	103	88.2	31.3	22.1	21.4	18.8	11.88	11.0 B	30
31	6.188		5.158		140		29.8	21.2		18.3		10.8 B	31
TOTAL	216.83	156.53	164.84	297.98	2 818.0	3 456.8	1 857.8	893.7	466.4	633.8	402.8	333.89	TOTAL
MEAN	6.98	5.58	5.12	9.93	84.5	115	60.2	28.8	15.3	20.4	13.4	10.4	MEAN
MAX	8.18	8.08	8.38	30.7	140	180	72.0	39.1	21.4	25.7	17.8	12.3	MAX
MIN	5.18	5.32	4.78	5.22	38.0	82.7	29.8	21.2	13.2	16.8	10.4	8.78	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.7
MAXIMUM DAILY, 180 ON JUN 8
MINIMUM DAILY, 4.748 ON MAR 23
MAXIMUM INSTANTANEOUS,
183 AT 12.33 PST ON JUN 6

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 07 35 N
LONG 124 47 47 W
DRAINAGE AREA, 1 980 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 700	JUL	136 000
FEB	13 400	AUG	77 200
MAR	13 700	SEP	42 200
APR	25 700	OCT	84 700
MAY	233 000	NOV	34 800
JUN	288 000	DEC	28 000

TOTAL DISCHARGE, 988 000 dam³

OSOYOOS LAKE NEAR OROVILLE - 08NM073

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.402	3.453	3.403	3.476	3.423	3.483	3.476	3.488	3.387	3.441	3.481	3.428	1
2	3.401	3.450	3.402	3.481	3.432	3.483	3.481	3.476	3.38_	3.441	3.476	3.423	2
3	3.405	3.453	3.402	3.484	3.438	3.480	3.487	3.481	3.385	3.438	3.481	3.426	3
4	3.406	3.453	3.402	3.484	3.441	3.488	3.483	3.484	3.405	3.447	3.487	3.433	4
5	3.411	3.453	3.406	3.483	3.444	3.488	3.487	3.484	3.414	3.453	3.487	3.438	5
6	3.414	3.458	3.411	3.502	3.453	3.478	3.490	3.484	3.414	3.458	3.481	3.432	6
7	3.414	3.453	3.414	3.508	3.453	3.488	3.489	3.484	3.414	3.458	3.481	3.438	7
8	3.414	3.486	3.414	3.502	3.458	3.478	3.508	3.478	3.414	3.488	3.472	3.438	8
9	3.417	3.488	3.417	3.493	3.472	3.487	3.508	3.488	3.417	3.488	3.478	3.432	9
10	3.420	3.473	3.420	3.487	3.472	3.488	3.508	3.458	3.441	3.472	3.472	3.432	10
11	3.420	3.472	3.428	3.481	3.463	3.458	3.463	3.458	3.488	3.488	3.472	3.428	11
12	3.423	3.478	3.438	3.478	3.467	3.458	3.487	3.463	3.463	3.472	3.478	3.423	12
13	3.438	3.478	3.441	3.488	3.478	3.488	3.484	3.488	3.438	3.478	3.488	3.423	13
14	3.423	3.478	3.447	3.488	3.438	3.472	3.481	3.488	3.420	3.484	3.488	3.420	14
15	3.420	3.472	3.447	3.463	3.433	3.487	3.508	3.463	3.417	3.487	3.463	3.420	15
16	3.417	3.488	3.447	3.483	3.428	3.478	3.484	3.463	3.417	3.480	3.488	3.417	16
17	3.417	3.488	3.444	3.453	3.428	3.447	3.488	3.488	3.423	3.480	3.458	3.417	17
18	3.420	3.444	3.447	3.417	3.453	3.441	3.472	3.458	3.423	3.484	3.453	3.414	18
19	3.430	3.432	3.480	3.408	3.488	3.453	3.478	3.458	3.417	3.487	3.480	3.408	19
20	3.430	3.420	3.453	3.414	3.483	3.488	3.487	3.488	3.388	3.481	3.480	3.408	20
21	3.423	3.411	3.456	3.438	3.488	3.488	3.480	3.458	3.388	3.478	3.453	3.408	21
22	3.428	3.411	3.488	3.432	3.480	3.487	3.484	3.458	3.377	3.488	3.444	3.402	22
23	3.428	3.414	3.453	3.428	3.480	3.478	3.481	3.458	3.382	3.488	3.438	3.398	23
24	3.428	3.414	3.488	3.420	3.488	3.478	3.481	3.458	3.388	3.488	3.432	3.388	24
25	3.428	3.411	3.488	3.417	3.488	3.478	3.472	3.438	3.377	3.488	3.438	3.388	25
26	3.428	3.408	3.472	3.414	3.458	3.478	3.472	3.444	3.388	3.488	3.438	3.388	26
27	3.432	3.402	3.478	3.414	3.488	3.478	3.472	3.444	3.388	3.458	3.432	3.392	27
28	3.438	3.402	3.478	3.414	3.480	3.488	3.478	3.441	3.411	3.478	3.428	3.398	28
29	3.438		3.481	3.411	3.508	3.472	3.472	3.438	3.423	3.481	3.432	3.388	29
30	3.441		3.478	3.408	3.514	3.478	3.472	3.420	3.438	3.487	3.432	3.388	30
31	3.447		3.481		3.480		3.472	3.402		3.487		3.380	31
MEAN	3.421	3.448	3.442	3.484	3.468	3.478	3.485	3.458	3.408	3.470	3.458	3.413	MEAN
MAX	3.447	3.478	3.481	3.508	3.514	3.488	3.508	3.484	3.488	3.488	3.487	3.432	MAX
MIN	3.402	3.402	3.402	3.408	3.423	3.441	3.469	3.402	3.382	3.438	3.428	3.380	MIN

WATER LEVELS IN METRES

MEAN, 3.448
MAXIMUM DAILY, 3.514 ON MAY 30
MINIMUM DAILY, 3.382 ON SEP 23
MAXIMUM INSTANTANEOUS,
3.537 ON JUL 15

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 274.320 m ADJUSTMENT TO CONVERT TO UNITED STATES COAST AND GEODETIC SURVEY DATUM

SUMMARY FOR THE YEAR 1988

INTERNATIONAL GAUGING STATION.
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 57 36 N
LONG 119 28 18 W

REGULATED

OSOYOOS LAKE NEAR OSOYOOS - STATION NO. 08NM113

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	277.612E	277.664E	277.612E	277.693E	277.636	277.728	277.688E	277.714	277.602	277.647E	277.684	277.680	1
2	277.612E	277.680	277.612E	277.694E	277.646	277.735	277.702E	277.710	277.604E	277.650	277.686	277.647E	2
3	277.618E	277.664E	277.612E	277.695	277.660	277.741E	277.705	277.710	277.606E	277.680	277.700	277.644E	3
4	277.618E	277.664E	277.612E	277.695	277.666	277.748E	277.710	277.710	277.608	277.688	277.700E	277.640	4
5	277.621E	277.664E	277.618E	277.694	277.680	277.752	277.710	277.710E	277.620	277.676	277.700E	277.646	5
6	277.624E	277.670E	277.621E	277.702	277.687E	277.738	277.712	277.710E	277.620	277.680	277.700	277.650	6
7	277.624E	277.672E	277.624E	277.702	277.674E	277.725	277.720	277.710	277.634	277.683E	277.686	277.650	7
8	277.624E	277.678E	277.624E	277.701E	277.680	277.725	277.725E	277.704	277.634	277.687E	277.686	277.640	8
9	277.627E	277.678E	277.627E	277.700E	277.690	277.720	277.730E	277.682	277.654E	277.680	277.687	277.640E	9
10	277.630E	277.682E	277.630E	277.700	277.680	277.715E	277.735	277.678	277.674E	277.688	277.680	277.638E	10
11	277.630E	277.682E	277.636E	277.686	277.670	277.710E	277.725	277.674	277.685	277.688	277.690E	277.638	11
12	277.633E	277.686E	277.645E	277.686	277.658	277.705	277.714	277.674E	277.688	277.686	277.680E	277.636	12
13	277.636E	277.686E	277.651E	277.682	277.652E	277.710	277.712	277.674E	277.680	277.686	277.680	277.635	13
14	277.633E	277.686E	277.656E	277.678	277.645E	277.713	277.712	277.674	277.686	277.702E	277.686	277.635	14
15	279.630E	277.683E	277.656E	277.678E	277.638	277.715	277.711E	277.672	277.683	277.708E	277.680	277.632	15
16	277.627E	277.678E	277.656E	277.673E	277.645	277.710	277.710E	277.670	277.686E	277.710	277.678	277.630E	16
17	277.627E	277.667E	277.654	277.670	277.645	277.686E	277.710	277.670	277.670E	277.716	277.677	277.628E	17
18	277.630E	277.666E	277.656E	277.642	277.666	277.683E	277.712	277.674	277.674	277.715	277.678E	277.626	18
19	277.630E	277.642E	277.661E	277.625	277.676	277.670	277.720	277.678E	277.666	277.710	277.674E	277.625	19
20	277.630E	277.630E	277.664E	277.620	277.672E	277.678	277.730	277.678E	277.628	277.708	277.672	277.620	20
21	277.633E	277.621E	277.667E	277.648	277.667E	277.688	277.730	277.678	277.620	277.703E	277.670	277.620	21
22	277.638E	277.621E	277.670E	277.644E	277.662	277.690	277.728E	277.674	277.600	277.700E	277.660	277.617	22
23	277.638E	277.624E	277.673E	277.640E	277.665	277.695	277.726E	277.674	277.598E	277.695	277.658	277.615E	23
24	277.638E	277.624E	277.678E	277.637	277.670	277.667E	277.724	277.674	277.598E	277.688	277.665	277.614E	24
25	277.636E	277.621E	277.678E	277.630	277.674	277.698E	277.718	277.684	277.594	277.692	277.685E	277.612	25
26	277.638E	277.615E	277.662E	277.630	277.674	277.700	277.715	277.684E	277.606	277.685	277.684E	277.610	26
27	277.642E	277.612E	277.665E	277.630	277.690E	277.696	277.715	277.684E	277.614	277.680	277.654	277.610	27
28	277.645E	277.612E	277.668E	277.632	277.708E	277.690	277.715	277.654	277.626	277.688E	277.652	277.606	28
29	277.648E		277.691E	277.633E	277.722	277.692	277.717E	277.654	277.640	277.703E	277.652	277.605	29
30	277.651E		277.686E	277.634E	277.736	277.685	277.720E	277.636	277.643E	277.710	277.650	277.603E	30
31	277.654E		277.691E		277.720		277.722	277.628		277.704		277.601E	31
MEAN	277.631	277.655	277.652	277.667	277.671	277.709	277.717	277.676	277.636	277.683	277.678	277.626	MEAN
MAX	277.654	277.686	277.691	277.702	277.736	277.752	277.735	277.714	277.686	277.716	277.700	277.650	MAX
MIN	277.612	277.612	277.612	277.620	277.636	277.670	277.688	277.628	277.594	277.647	277.650	277.601	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MEAN, 277.668
MAXIMUM DAILY, 277.752 ON JUN 5
MINIMUM DAILY, 277.594 ON SEP 25

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 01 43 N
LONG 119 27 37 W

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

OSPIKA RIVER ABOVE ALEY CREEK - STATION NO. 07EB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.108	7.368	6.188	6.808	73.7	217	89.2	38.8	29.4	36.8	21.1	14.88	1
2	6.108	7.338	6.108	7.088	78.2	208	88.0	38.8	30.4	36.4	21.6	16.38	2
3	6.058	7.338	6.088	7.288	87.4	196	74.3	38.0	28.1	34.2	24.2	15.28	3
4	6.008	7.338	6.178	7.408	98.1	202	87.4	36.2	26.7	34.8	24.4	15.08	4
5	7.868	7.308	6.268	7.808	122	223	88.0	35.1	27.8	36.1	22.4	14.88	5
6	7.868	7.308	6.328	7.638	142	201	82.8	38.8	28.1	34.8	21.2	13.88	6
7	7.808	7.008	6.378	7.708	141	177	87.4	37.3	25.8	32.8	20.4	12.68	7
8	7.858	6.828	6.328	7.808	148	174	88.7	36.8	25.8	31.3	20.3	12.38	8
9	7.908	6.788	6.288	8.108	157	181	78.8	38.0	23.8	32.8	20.3	12.18	9
10	7.938	6.778	6.168	8.408	180	173	76.3	81.3	23.0	32.8	19.88	12.08	10
11	8.008	6.788	6.008	8.808	151	171	71.8	78.0	22.8	31.8	17.78	12.08	11
12	8.028	6.808	5.808	8.358	124	173	86.6	67.8	21.3	28.8	17.88	12.08	12
13	8.068	6.808	5.768	10.0 E	108	174	81.2	60.8	20.6	27.4	17.28	12.08	13
14	7.878	6.828	5.768	10.7 E	88.6	183	58.1	53.0	20.2	27.6	17.08	12.08	14
15	7.808	6.828	5.868	11.8 E	111	167	55.7	47.9	19.8	23.3	16.88	11.88	15
16	7.808	6.828	5.828	12.3 E	121	118	51.7	45.8	20.1	21.9	16.78	11.88	16
17	7.828	6.828	5.828	13.2 E	113	102	48.0	43.2	19.3	23.4	16.88	11.68	17
18	7.838	6.828	5.928	14.1 E	102	94.6	46.8	44.8	18.1	26.6	17.88	11.28	18
19	7.848	6.828	5.868	15.2 E	97.4	84.7	45.8	42.3	20.2	26.2	17.88	10.88	19
20	7.828	6.828	6.008	16.7 E	102	77.6	45.4	41.3	21.3	33.0	17.88	10.88	20
21	7.788	6.818	6.028	18.2 E	96.6	78.7	43.8	40.2	26.2	32.6	18.88	10.68	21
22	7.808	6.808	6.068	18.8 E	86.6	78.7	44.4	41.6	25.6	30.0	18.08	10.48	22
23	7.478	6.808	6.088	22.0 E	79.6	82.0	42.8	41.6	25.3	27.6	18.38	10.68	23
24	7.408	6.778	6.108	24.8 E	78.1	87.7	41.3	40.8	23.8	25.8	18.18	10.68	24
25	7.408	6.678	6.188	28.0 E	78.7	87.7	40.8	36.6	22.2	26.8	18.08	10.88	25
26	7.458	6.578	6.188	34.6 E	88.0	108	38.6	38.7	20.8	28.7	18.08	11.38	26
27	7.628	6.488	6.208	37.8	86.6	108	38.1	38.6	20.8	28.1	18.18	11.88	27
28	7.758	6.288	6.238	41.6	87.8	94.0	37.2	34.2	19.8	31.28	14.88	12.78	28
29	7.708		6.368	48.0	110	73.4	38.3	32.4	36.6	33.6	14.78	13.18	29
30	7.588		6.488	56.8	152	71.0	40.6	31.1	48.6	33.1	14.78	13.18	30
31	7.408		6.808		198		38.6	30.8		30.8		13.08	31
TOTAL	241.88	182.82	189.88	533.24	3 471.6	4 125.0	1 810.1	1 388.8	740.4	888.4	541.0	381.8	TOTAL
MEAN	7.80	6.88	6.13	17.8	112	138	58.4	41.8	24.7	28.8	18.0	12.3	MEAN
MAX	8.10	7.35	6.80	56.8	198	223	87.4	78.0	48.6	36.8	24.4	16.3	MAX
MIN	7.40	6.28	5.76	6.80	73.7	71.0	37.2	30.8	18.1	20.8	14.7	10.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1988

MEAN, 39.8
MAXIMUM DAILY, 223 ON JUN 5
MINIMUM DAILY, 5.768 ON MAR 13
MAXIMUM INSTANTANEOUS,
336 AT 04:33 PST ON JUN 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 02 N
LONG 123 56 00 W
DRAINAGE AREA, 2 220 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	20 800	JUL	156 000
FEB	16 800	AUG	112 000
MAR	16 400	SEP	64 000
APR	46 100	OCT	77 400
MAY	300 000	NOV	48 700
JUN	356 000	DEC	33 000

TOTAL DISCHARGE, 1 250 000 dam³

OWIKENO LAKE AT RIVERS INLET - STATION NO. 08PA007

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.455	2.385	1.287	1.373	2.812	2.711	2.583	2.498	2.411	2.022	1.913	1.904	1
2	1.452	2.186	1.245	1.388	2.707	2.849	2.547	2.491	2.380	1.983	1.912	2.328	2
3	1.486	2.028	1.230	1.381	2.758	3.044	2.536	2.442	2.301	1.907	2.473	2.695	3
4	1.482	1.907	1.222	1.391	2.780	3.178	2.529	2.612	2.303	1.890	3.138	3.128	4
5	1.484	1.805	1.217	1.391	2.788	3.304	2.509	2.787	2.291	1.904	3.020	3.005	5
6	1.448	1.728	1.232	1.397	2.824	3.326	2.486	2.780	2.245	1.901	2.848	2.795	6
7	1.418	1.880	1.232	1.488	3.052	3.266	2.463	2.802	2.264	1.920	2.690	2.613	7
8	1.384	1.804	1.230	1.477	3.070	3.218	2.448	2.804	2.317	1.948	2.882	2.523	8
9	1.380	1.858	1.232	1.474	3.044	3.151	2.440	2.780	2.336	2.007	3.049	2.388	9
10	1.387	1.809	1.248	1.481	2.937	3.095	2.488	2.723	2.294	2.155	4.889	2.267	10
11	1.388	1.670	1.268	1.507	2.781	3.122	2.619	2.826	2.254	2.229	4.132	2.132	11
12	1.415	1.438	1.281	1.564	2.630	3.203	2.706	2.836	2.233	2.282	3.581	2.038	12
13	1.491	1.409	1.285	1.625	2.478	3.312	2.806	2.686	2.241	2.217	3.146	1.981	13
14	1.487	1.378	1.280	1.753	2.373	3.497	2.879	2.687	2.238	2.140	2.837	1.880	14
15	1.478	1.358	1.272	1.881	2.347	3.670	2.888	2.622	2.197	2.047	2.592	1.814	15
16	1.525	1.342	1.283	1.818	2.380	3.293	2.887	2.377	2.131	1.952	2.422	1.749	16
17	1.501	1.308	1.285	1.807	2.413	3.098	2.808	2.408	2.067	2.078	2.380	1.708	17
18	1.521	1.278	1.248	1.808	2.390	2.941	2.808	2.481	1.981	2.883	2.825	1.687	18
19	1.521	1.288	1.243	1.857	2.320	2.778	2.688	2.508	1.930	3.142	3.503	1.618	19
20	1.551	1.261	1.233	2.128	2.237	2.852	2.678	2.519	1.898	3.189	3.332	1.593	20
21	1.590	1.243	1.247	2.263	2.160	2.578	2.586	2.504	1.898	3.101	3.022	1.583	21
22	1.589	1.251	1.260	2.285	2.093	2.593	2.646	2.549	1.917	2.920	2.737	1.767	22
23	1.623	1.278	1.278	2.200	2.052	2.856	2.769	2.742	1.953	2.744	2.590	2.038	23
24	1.578	1.285	1.272	2.150	2.025	2.801	2.702	2.648	1.978	2.653	2.427	2.317	24
25	1.549	1.309	1.278	2.150	2.008	2.979	2.680	2.591	2.000	2.583	2.280	2.213	25
26	1.544	1.300	1.287	2.164	2.014	3.072	2.656	2.555	2.025	2.547	2.182	2.204	26
27	1.508	1.303	1.320	2.228	2.031	2.963	2.673	2.531	2.038	2.437	2.088	2.173	27
28	1.464	1.292	1.361	2.278	2.078	2.788	2.687	2.498	2.028	2.290	1.987	2.184	28
29	1.798		1.374	2.380	2.145	2.671	2.687	2.472	2.040	2.184	1.977	2.693	29
30	2.203		1.388	2.488	2.292	2.598	2.694	2.483	2.056	2.080	1.930	2.558	30
31	2.824		1.384		2.802		2.807	2.447		1.998		2.433	31
MEAN	1.584	1.504	1.271	1.832	2.485	3.006	2.681	2.638	2.140	2.288	2.787	2.275	MEAN
MAX	2.824	2.385	1.384	2.488	3.070	3.497	2.909	2.896	2.411	3.189	4.889	3.128	MAX
MIN	1.388	1.243	1.217	1.373	2.008	2.578	2.440	2.377	1.898	1.890	1.912	1.583	MIN

WATER LEVELS IN METRES

MEAN, 2.209
MAXIMUM DAILY, 4.889 ON NOV 10
MINIMUM DAILY, 1.217 ON MAR 5
MAXIMUM INSTANTANEOUS,
4.791 AT 05:14 PST ON NOV 10

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 41 28 N
LONG 127 09 43 W

NATURAL FLOW

OYSTER RIVER BELOW WOODHUS CREEK - STATION NO. 08HD011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.98	21.5 B	4.33	7.81	39.7	34.4 A	11.3	6.07	2.04	1.47	8.24	8.11	1
2	4.75	13.1 B	4.32	8.11	31.3	36.8 A	12.7	4.41	1.88	1.48	7.07	47.1	2
3	7.89	9.97B	4.17	8.87	28.8	35.3 A	15.1	4.10	1.87	1.48	8.36	70.7	3
4	13.1	8.81B	3.83	8.22	29.8	33.8 A	14.7	3.75	1.74	1.52	18.8	111	4
5	11.0	7.80B	3.77	8.34	36.2	22.2 A	11.8	3.88	1.78	1.58	13.8	41.7	5
6	8.83	6.76B	4.40	23.1	38.1	20.2 A	9.71	3.18	1.88	1.88	11.1	27.3	6
7	8.45	8.20B	4.23	30.8	35.7	17.3 A	8.87	3.00	1.87	1.56	9.78	24.3	7
8	8.21	8.43B	4.42	31.1	31.8	16.7 A	9.28	2.97	1.83	1.58	18.8	28.9	8
9	8.80	4.88B	4.80	18.5	28.7 A	14.8 A	8.26	2.83	1.82	1.56	82.9	30.1	9
10	8.23	4.80B	4.86	18.4	22.8 A	13.4 A	7.41	2.86	1.80	1.68	80.1	18.7	10
11	4.88	4.38B	18.5	20.2	18.1 A	13.2 A	7.44	2.48	1.42	1.88	27.2	12.8	11
12	8.38	4.02B	23.4	22.0	14.8 A	12.1 A	8.88	2.88	1.41	2.18	18.4	10.4	12
13	7.70	3.88B	18.2	24.8	12.8 A	11.7	8.87	2.82	1.40	2.31	14.2	9.33	13
14	8.43	3.72B	12.2	33.8	12.1	13.0 A	8.30	3.36	1.42	2.22	11.0	8.23	14
15	8.78	3.50B	9.84	34.4	13.8 A	12.3 A	8.75	3.83	1.38	2.15	9.30	7.11	15
16	8.26	3.41B	8.82	28.8	15.3 A	10.4	8.80	3.27	1.48	2.09	8.59	6.48	16
17	8.87	3.36B	7.74	21.7	15.7 A	9.43	8.22	3.03	1.78	2.14	8.33	5.82	17
18	8.08	3.37B	8.89	21.0	14.9	8.72	8.16	2.83	1.82	3.88	8.31	5.38	18
19	8.88	3.84	8.80	28.1	11.7 A	8.01	8.81	2.83	1.88	5.38	11.8	4.93	19
20	8.82	3.42	8.22	83.8	9.78A	7.71	8.80	2.71	1.83	12.8	17.0	4.82	20
21	8.35	3.74	8.32	43.8	8.17	7.18	8.41	3.08	1.27	27.8	18.1	4.83	21
22	8.78	8.82	8.45	28.4	8.12	8.84	4.82	3.27	1.84	28.1	14.2	4.81	22
23	8.18	10.1	8.18	22.7	8.88	7.82	4.88	2.88	1.48	78.3	12.4	4.83	23
24	8.17	8.88	8.88	20.0	8.23A	8.18	4.24	2.78	1.48	48.8	10.8	4.88	24
25	4.83	7.48	8.82	20.0	8.08	8.10	3.88	2.80	1.43	27.8	9.88	4.84	25
26	4.81	8.88	8.88	20.1	8.40A	7.81	3.88	2.48	1.88	33.0	9.08	4.80	26
27	4.80	8.22	8.27	20.3	13.1 A	7.28	3.78	2.28	1.73	33.3	8.38	4.88	27
28	4.78	8.83	8.57	20.8	12.4 A	8.80	3.38	2.18	1.84	17.2	8.27	4.82	28
29	11.8		8.38	23.8	13.1 A	10.0	3.28	2.04	1.87	13.8	8.48	4.88	29
30	44.1		8.84	27.8	18.4 A	10.8	3.23	2.07	1.84	11.3	8.03	4.88	30
31	38.8		8.82		19.4 A		3.30	1.88		8.70		4.74	31
TOTAL	280.30	180.01	226.07	868.08	578.05	391.04	215.88	93.29	47.81	383.28	440.43	518.01	TOTAL
MEAN	8.04	6.43	7.38	22.8	18.8	13.0	8.88	3.01	1.88	11.7	14.7	16.7	MEAN
MAX	44.1	21.5	23.4	83.8	38.1	36.8	15.1	6.41	2.04	78.3	82.8	111	MAX
MIN	4.81	3.37	3.83	8.23	8.08	8.84	3.28	1.88	1.38	1.48	7.07	4.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.0
MAXIMUM DAILY, 111 ON DEC 4
MINIMUM DAILY, 1.38 ON SEP 18
MAXIMUM INSTANTANEOUS,
182 AT 01:15 PST ON DEC 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 38 N
LONG 125 14 18 W
DRAINAGE AREA, 295 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	24 200	JUL	18 700
FEB	16 000	AUG	8 050
MAR	19 700	SEP	4 130
APR	58 300	OCT	31 400
MAY	48 000	NOV	38 100
JUN	33 000	DEC	44 000

TOTAL DISCHARGE, 348 000 dam³

PACK RIVER AT OUTLET OF MCLEOD LAKE - STATION NO. 07EE010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.2	12.2 E	9.60A	10.9	185	53.3	17.0	8.31	8.62	5.86	14.0	23.0	1
2	13.2	11.9 A	9.55A	11.0	200	48.6	17.0	8.26	8.38	5.98	14.5	23.2	2
3	13.6	11.8 A	9.71	11.1	210	46.7	16.8	8.35	8.20	5.89	14.4	23.0	3
4	13.5	11.6 A	9.65	11.1	219	44.0	16.6	8.12	7.77	5.86	14.3	23.3	4
5	13.4	11.5 A	9.80	11.1	225	41.1	17.0	7.88	7.44	5.79	14.7	23.8	5
6	13.2	11.3 A	9.70	11.4	226	38.2	17.0	7.45	7.39	5.87	15.3	23.5	6
7	12.7	10.9 A	9.88	11.8	229	36.2	16.5	7.46	6.94	5.91	16.2	23.4	7
8	12.6	11.0 A	10.1	11.8	225	33.9	17.2	7.23	6.89	5.78	16.9	24.2	8
9	12.3	10.8 A	9.98	12.1	219	32.9	17.1	7.08	6.60	5.83	18.3	23.6	9
10	12.5	10.8	10.0	13.4	212	32.8	16.6	6.88	6.46	5.85	19.1	22.4	10
11	12.5	10.7	10.3	12.9	203	31.5	16.3	6.84	6.26	5.76	19.5	21.9	11
12	13.0	10.4	10.4	13.3	191	30.2	16.2	6.53	6.19	5.52	19.9	21.6	12
13	12.7	10.4	10.2	14.0	176	28.8	15.8	6.63	5.88	5.35	20.4	21.3	13
14	12.5	10.3	10.2	15.0	165	28.4	15.4	6.95	5.82	5.43	20.2	21.1	14
15	13.0	10.3	10.3	16.3	154	27.4	14.9	6.77	5.67	5.18	20.4	20.9	15
16	13.2	10.1	10.3	17.9	144	26.2	14.3	6.39	5.29	5.05	20.8	20.2	16
17	13.6	9.81	10.1	20.5	134	25.3	13.6	6.48	5.16	5.33	20.4	19.6	17
18	13.5	10.1 A	10.1	24.1	127 A	24.2	13.3	6.67	5.27	5.72	21.3	19.2	18
19	13.4	10.3	9.62	26.1	118 A	22.8	12.9	6.73	5.27	5.88	21.6	18.5	19
20	13.5	9.81	9.76	34.0	113 A	22.5	12.8	6.99	5.05	5.95	22.4	17.8A	20
21	13.4	9.84	9.78	43.3	106 A	22.3	12.5	6.86	5.54	5.74	24.1	17.4A	21
22	13.1	9.95	10.0	66.6	101 A	21.4	11.9	6.42	5.53	5.71	24.6	17.6A	22
23	12.8	10.5	9.88	71.3	94.7A	20.7	11.1	7.18	5.47	7.22	25.3	18.1A	23
24	12.5	10.4	9.82	87.4	85.2A	19.9	10.9	6.03	5.43	8.15	25.8	18.3A	24
25	13.2	10.4	9.63	103	82.0	18.9	10.4	7.88	5.48	8.13	26.6	19.6A	25
26	13.4	10.5	9.80	118	76.6	18.5	9.84	7.84	5.50	9.87	26.2	20.5A	26
27	13.3	10.3	10.5	132	71.6	17.7	9.74	6.17	5.58	11.0	26.0	22.9A	27
28	13.1	10.1	10.6	146	67.7	17.7	9.39	6.29	5.52	12.2	25.8	25.9A	28
29	12.9		10.7	158	63.6	17.4	8.59	6.51	5.82	13.1	24.9	28.4A	29
30	12.8A		10.8	172	60.2	16.9	8.80	6.47	5.67	13.3	24.0	33.6A	30
31	12.6E		11.0		58.9		8.85	6.53		13.5		37.0A	31
TOTAL	404.6	298.31	313.16	1 397.3	4 544.7	869.2	425.78	220.45	188.93	223.53	619.7	694.4	TOTAL
MEAN	13.1	10.7	10.1	46.6	147	28.9	13.8	7.40	6.20	7.21	20.7	22.4	MEAN
MAX	13.6	12.2	11.0	172	229	53.3	17.2	8.35	8.62	13.5	26.6	37.0	MAX
MIN	12.3	9.81	9.70	10.9	58.9	16.9	8.59	6.39	5.16	5.05	14.0	17.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.0
MAXIMUM DAILY, 229 ON MAY 7
MINIMUM DAILY, 5.05 ON OCT 16
MAXIMUM INSTANTANEOUS,
232 AT 13:40 PST ON MAY 7

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 59 45 N
LONG 123 02 05 W
DRAINAGE AREA, 3 880 km^2
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	35 000	JUL	36 800
FEB	25 800	AUG	19 000
MAR	27 100	SEP	16 300
APR	121 000	OCT	19 300
MAY	393 000	NOV	53 500
JUN	75 000	DEC	60 000

TOTAL DISCHARGE, 883 000 dam^3

PALLANT CREEK NEAR QUEEN CHARLOTTE - STATION NO. 08OB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.55	13.6	2.04	10.4	4.74	2.62	1.78	0.676	0.418	2.40	12.4	34.6	1
2	5.08	10.7	1.86	11.0	4.74	2.44	1.66	0.678	0.580	2.28	22.5	43.1	2
3	5.89	8.68	1.67	11.6	4.56A	2.49	1.60	0.643	3.88	5.03	26.7	39.6	3
4	5.98	6.94A	2.52	10.5	4.18A	2.51	1.42	0.633	3.26	5.00	19.9	41.4	4
5	4.77	5.71	3.47	9.21	4.26A	2.13	1.32	0.606	1.69	4.24	17.5	33.1	5
6	3.88	4.85	3.03	7.97	4.18A	1.88	1.30	0.570	1.83	6.38	17.6	24.5	6
7	3.47	4.27	3.01	7.00	4.03	1.76	1.32	0.535	1.64	9.00	26.0	20.5	7
8	3.15	3.74	3.06	6.08	4.85	1.64	1.22	0.501	1.43	7.85	23.1	17.0	8
9	3.19	3.38	2.87	5.19	3.80	1.56	1.15	0.500	1.31	12.5	21.9	13.8	9
10	3.57	3.09	2.79	4.77	3.35	1.48	1.09	0.485	1.28	11.1	17.1	11.5	10
11	6.52	2.84	2.82	4.38	3.02	1.47	1.08	0.481	1.18	12.4	14.2	13.7	11
12	19.5	2.70	3.38	4.18	2.85	1.57	1.07	0.492	1.11	11.3	12.5	10.6	12
13	12.0	2.50	3.35	3.83	2.86	1.97	1.05	0.483	1.07	9.88	14.5	9.10	13
14	9.71	2.28	3.03	4.03	2.88	2.48	0.982	0.487	1.02	8.21	11.7	7.84	14
15	8.80	2.10	2.42	3.84	3.13	3.28	0.984	0.469	0.993	7.04	16.8	6.88	15
16	22.2	1.81	2.73	3.84	2.77	2.98	1.05	0.454	0.908	6.42	16.9	6.11	16
17	18.0	1.81	2.83	3.44	2.38	3.77	1.00	0.430	0.836	8.82	16.5	5.43	17
18	17.2	1.71	2.56	3.20	2.17	4.38	0.976	0.382	0.835	9.60	30.6	4.92	18
19	30.6	1.64	2.47	4.18	2.08	3.78	0.984	0.389	0.983	13.3	20.1	4.58	19
20	27.2	1.59	2.39	6.81	1.98	3.40	0.998	0.389	1.07	11.9	16.2	4.41	20
21	21.3	2.52	2.99	6.44	1.85	3.85	1.10	0.441	0.941	11.0	13.4	5.74	21
22	16.7	2.68	3.22	6.22	1.78	3.86	1.00	0.599	0.778	9.84	13.9	10.5	22
23	13.9	2.67	3.15	7.39	1.72	3.50	1.00	0.565	0.766	9.25	15.9	20.7	23
24	11.9	2.61	3.07	5.08	1.65	3.32	0.845	0.493	0.783	7.71	13.2	24.7	24
25	17.4	2.52	2.94	4.70	1.83	2.60	0.869	0.441	0.754	11.2	11.1	32.8	25
26	31.4	2.32	2.88	4.89	2.24	2.47	0.803	0.440	0.719	8.28	9.04	26.0	26
27	28.1	2.24	6.42	4.42	2.38	2.18	0.765	0.420	0.884	7.24	20.4	21.2	27
28	43.3	2.15	8.86	4.11	2.48	1.92	0.785	0.428	1.62	9.15	32.7	20.6	28
29	26.3		7.37	4.04	2.76	1.87	0.771	0.425	4.76	16.7	43.4	18.6	29
30	21.8		8.11	4.81	2.78	1.82	0.868	0.421	2.73	12.8	35.7	24.6	30
31	17.1		10.1		2.82		0.653	0.428		11.1		35.7	31
TOTAL	465.58	105.02	113.84	173.87	92.60	76.38	33.282	15.418	41.409	278.93	594.04	584.61	TOTAL
MEAN	15.0	3.75	3.67	5.80	2.99	2.55	1.07	0.497	1.38	9.00	19.8	18.9	MEAN
MAX	43.3	13.6	10.1	11.6	4.74	4.38	1.78	0.678	4.76	16.7	43.4	43.1	MAX
MIN	3.15	1.59	1.67	3.20	1.63	1.48	0.653	0.382	0.418	2.28	9.04	4.41	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.07
MAXIMUM DAILY, 43.4 ON NOV 29
MINIMUM DAILY, 0.382 ON AUG 18
MAXIMUM INSTANTANEOUS,
61.9 AT 23:45 PST ON DEC 1

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 03 23 N
LONG 132 03 00 W
DRAINAGE AREA, 76.7 km^2
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	40 200	JUL	2 870
FEB	9 150	AUG	1 330
MAR	9 840	SEP	3 580
APR	15 000	OCT	24 100
MAY	8 000	NOV	51 300
JUN	6 600	DEC	50 500

TOTAL DISCHARGE, 223 000 dam^3

PALLISER RIVER IN LOT SL48 - STATION NO. 05NF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.41B	2.50B	1.70B	2.27E	13.6	42.1	37.5	20.3	19.2	8.08	5.08	5.86	1
2	3.00B	1.70B	1.40B	2.23E	13.4	50.3	32.6	20.2	19.5	7.80	4.89	5.59	2
3	3.25B	1.76B	1.50B	2.18E	14.0	55.1	28.3	20.4	21.4	7.50	4.97	5.52	3
4	3.53B	1.75B	1.61B	2.10E	14.5	57.6	28.3	18.3	20.3	7.37	5.31	5.66	4
5	3.60B	1.85B	1.75B	2.20E	16.3	65.3	28.3	18.9	21.4	7.20	5.18	5.70	5
6	3.52B	2.25B	2.00B	2.37E	20.7	74.5	27.9	18.9	22.0 A	6.81	5.07	5.89	6
7	3.15B	2.50B	2.10B	2.47E	25.1	73.5	27.5	18.0	21.6	6.74	4.98	5.60	7
8	2.64B	2.65B	2.10B	2.48E	27.7	69.2	26.4	18.5	18.9	6.65	4.96	5.48	8
9	2.60B	2.90B	2.10B	2.40E	30.0	75.5	25.7	18.4	17.6	6.48	6.30	5.43	9
10	2.55B	2.52B	2.19B	2.37E	33.0	66.1	25.0	18.6	16.5	6.59	14.1	5.33	10
11	2.86B	2.30B	2.22B	2.50E	32.6	64.4	24.6	18.6	15.2	6.62	14.2	4.98B	11
12	2.47B	2.11B	2.21B	2.67E	29.2	65.0	26.2	18.0	14.1	6.60	11.9	4.38B	12
13	2.64B	2.15B	2.20B	2.85E	26.0	66.7	27.1	17.9	13.4	6.51	10.2	4.38B	13
14	3.19B	2.14B	2.08B	3.18E	24.5	70.9	27.2	17.4	13.2	6.43	9.44	4.60B	14
15	3.00B	2.19B	1.63B	3.60E	25.3	69.1	26.6	17.0	12.6	6.17	8.77	4.70B	15
16	3.00B	2.19B	1.74B	4.21E	26.6	66.5	28.4	17.0	12.1	5.89	8.18	4.64B	16
17	3.30B	2.15B	1.65B	4.24A	27.9	59.6	27.0	18.1	12.2	5.61	7.78	4.64B	17
18	3.31B	2.12B	1.60B	4.24A	28.6	51.1	24.9	17.4	11.6	5.78	7.58	4.25B	18
19	3.10B	2.12B	1.75B	4.72	28.1	48.7	24.9	17.5	10.9	5.63	7.46	3.65B	19
20	2.80B	2.15B	1.80B	5.41	27.3	42.0	25.5	16.7	10.4	5.81	7.81	3.43B	20
21	2.76B	2.17B	1.80B	6.87	26.4	38.0	27.4	19.4	10.0	5.84	7.78	3.18B	21
22	2.73B	2.21B	2.10B	7.59	26.3	36.0	25.0	21.7	9.73	5.89	7.02	2.86B	22
23	2.36B	2.19B	2.10B	8.05	26.5	35.2	23.2	20.6	9.81	5.73	7.00	3.22B	23
24	2.07B	2.19B	2.10B	8.15	27.3	36.5	22.6	19.1	9.75	5.78	6.85	3.60B	24
25	1.81B	2.19B	2.10B	8.32	27.3	37.0	21.9	18.4	9.54	5.83	6.74	4.05B	25
26	1.86B	2.15B	2.15B	8.32	27.4	39.0	21.5	20.7	9.42	5.80	6.31	4.50B	26
27	2.20B	2.10B	2.24B	8.35	26.2	43.6	21.9	20.8	9.45	5.64	6.39	4.65B	27
28	2.46B	2.11B	2.39B	8.95	25.1	37.3	22.1	21.7	9.17	5.70	6.28	4.52B	28
29	2.75B		2.30B	9.15	25.4	35.5	21.0	21.1	6.83	5.42	5.99	4.76B	29
30	3.30B		2.38B	10.6	30.9	37.4	20.5	20.3	6.88	5.27	6.22	5.12B	30
31	3.31B		2.33B		34.3		20.7	18.7		5.26		5.09B	31
TOTAL	88.95	61.53	61.64	144.87	795.9	1 612.4	802.0	585.5	420.09	185.38	219.62	145.36	TOTAL
MEAN	2.87	2.20	1.99	4.83	25.7	53.7	25.9	18.9	14.0	6.30	7.32	4.69	MEAN
MAX	3.60	2.90	2.39	10.6	34.3	75.5	37.5	21.7	22.0	8.08	14.2	5.89	MAX
MIN	1.81	1.70	1.40	2.10	13.6	35.0	20.5	17.0	6.88	5.27	4.96	2.86	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.1
MAXIMUM DAILY, 75.5 ON JUN 9
MINIMUM DAILY, 1.40B ON MAR 2
MAXIMUM INSTANTANEOUS,
79.8 AT 22:16 MST ON JUN 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 21 31 N
LONG 115 37 08 W
DRAINAGE AREA, 853 km^2
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 680	JUL	69 300
FEB	5 320	AUG	51 500
MAR	5 340	SEP	36 300
APR	12 500	OCT	16 000
MAY	68 900	NOV	19 000
JUN	139 000	DEC	12 600

TOTAL DISCHARGE, 444 000 dam^3

PARSNIP RIVER ABOVE MISINCHINKA RIVER - STATION NO. 07EE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	44.3B	25.5B	18.3B	19.0B	483	460	120	49.5	41.3	78.9	87.6	62.5B	1
2	42.5B	24.0B	17.6B	19.3B	487	455	121	48.2	40.3	70.4	65.7	62.0B	2
3	41.5B	23.3B	17.6B	19.8B	462	427	126	51.6	38.9	59.7	109	63.5B	3
4	40.8B	23.1B	17.5B	20.2B	512	419	127	53.5	37.5	53.0	279	66.0B	4
5	40.3B	22.0B	17.6B	20.6B	549	437	118	51.9	36.6	50.9	282	102 B	5
6	40.0B	22.6B	17.6B	22.7B	600	437	111	48.0	37.7	51.6	215	101 B	6
7	38.6B	22.6B	17.6B	25.3B	662	398	106	47.4	37.3	50.5	174	100 B	7
8	37.0B	22.4B	17.6B	27.0B	675	350	104	47.7	35.1	47.7	142	97.5B	8
9	36.3B	22.3B	17.9B	28.2B	871	340	110	46.5	33.7	45.0	129	93.0B	9
10	34.3B	22.1B	17.6B	28.5B	887	348	114	44.5	32.9	48.2	197	89.5B	10
11	33.6B	21.6B	17.6B	30.5B	687	355	107	45.3	31.0	52.6	219	87.0B	11
12	33.7B	21.5B	17.9B	37.5B	579	338	101	43.6	29.5	54.0	170 B	86.0B	12
13	33.6B	21.1B	17.6B	47.5B	478	324	93.7	42.9	29.0	56.7	140 B	85.5B	13
14	33.6B	20.5B	17.6B	56.2B	411	319	88.3	44.4	29.0	56.5	110 B	85.0B	14
15	34.0B	20.1B	17.7B	65.0B	384	344	86.1	46.0	28.1	52.5	97.0B	84.5B	15
16	34.2B	19.6B	17.6B	70.0B	382	301	85.1	51.2	26.9	49.6	95.0B	82.5B	16
17	34.3B	19.4B	17.3B	75.5B	404	255	82.6	49.6	28.1	47.2	110 B	80.0B	17
18	34.2B	19.3B	16.7B	82.0B	371	217	78.6	47.3	25.4	53.6	140 B	77.0B	18
19	33.6B	19.2B	16.3B	89.0B	329	194	75.7	48.2	30.1	142	153 B	73.5B	19
20	33.0B	19.1B	16.2B	95.0B	287	171	71.4	46.3	102	179	151 B	69.6B	20
21	31.0B	19.2B	16.1B	116 B	281	158	67.8	47.3	134	139	143 B	67.5B	21
22	29.0B	19.4B	16.0B	170 B	230	147	67.0	53.8	110	137	133 B	67.0B	22
23	27.8B	19.7B	16.1B	212 B	206	146	66.4	66.5	82.9	160	123 B	71.0B	23
24	27.5B	19.9B	16.3B	264 B	195	147	63.1	69.8	67.9	156	114 B	76.5B	24
25	27.6B	20.1B	16.8B	315 B	209	148	60.6	62.5	59.2	149	108 B	82.0B	25
26	29.4B	20.2B	17.0B	334	222	141	58.4	71.6	52.2	208	103 B	89.0B	26
27	30.1B	20.0B	17.5B	346	231	159	54.4	62.9	47.6	178	96.0B	93.5B	27
28	30.1B	19.9B	17.7B	385	229	159	52.2	56.7	44.3	136	95.5B	94.5B	28
29	29.8B		18.0B	422	248	144	52.0	51.2	42.0	116	94.2B	94.5B	29
30	28.9B		18.2B	465	298	125	51.4	48.7	54.3	105	94.0B	92.0B	30
31	27.5B		16.9B		393		50.4	43.2		93.4		89.0B	31
TOTAL	1 052.2	591.2	539.4	3 894.1	12 922	8 395	2 870.4	1 632.1	1 428.9	2 892.2	4 164.2	2 688.4	TOTAL
MEAN	33.9	21.1	17.4	130	417	280	86.1	52.6	47.6	93.3	139	86.7	MEAN
MAX	44.3	25.5	18.6	465	887	455	128	69.9	134	208	279	102	MAX
MIN	27.5	19.1	16.0	19.0	195	125	50.4	42.9	25.4	45.0	85.7	67.0	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 117
MAXIMUM DAILY, 887 ON MAY 10
MINIMUM DAILY, 16.0B ON MAR 22
MAXIMUM INSTANTANEOUS,
722 AT 02:37 PST ON MAY 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 04 41 N
LONG 122 54 17 W
DRAINAGE AREA, 4 900 km^2

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	90 900	JUL	231 000
FEB	51 100	AUG	141 000
MAR	46 600	SEP	123 000
APR	337 000	OCT	250 000
MAY	1 120 000	NOV	360 000
JUN	725 000	DEC	232 000

TOTAL DISCHARGE, 3 710 000 dam^3

PASAYTEN RIVER ABOVE CALCITE CREEK - STATION NO. 08NL069

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.008	0.8828	0.8108	1.378	17.5	40.0E	10.8	2.80	1.74	1.17	1.34	5.81	1
2	2.008	0.8008	0.8708	1.358	18.8	46.0	10.2	3.28	2.83	1.20	1.82	8.89	2
3	2.008	0.8408	0.8008	1.508	20.5	46.1	9.46	3.28	2.80	1.30	1.32	14.1	3
4	1.988	0.8208	0.8808	1.808	21.8	45.5	8.82	2.93	2.28	1.17	1.87	16.2	4
5	1.828	0.9308	1.02 B	2.268	25.4	47.5	8.26	2.85	2.07	1.18	1.72	13.0 B	5
6	1.708	0.8408	1.10 B	2.708	30.5	47.5	7.73	2.57	2.01	1.12	1.74	10.8 B	6
7	1.628	0.8508	1.12 B	2.808	38.0	42.8	7.48	2.72	1.88	1.16	1.78	9.208	7
8	1.528	0.8808	1.12 B	2.528	42.6	38.0	7.38	2.87	1.80	1.10	1.84	7.808	8
9	1.538	0.8808	1.11 B	2.458	44.4	34.7	6.88	2.73	1.72	1.07	4.10	6.708	9
10	1.808	0.8708	1.10 B	2.43A	48.7	30.8	6.88	2.48	1.88	1.18	10.1	5.808	10
11	1.858	0.8808	1.10 B	2.31	38.0	28.8	8.13	2.28	1.83	1.32	8.74	5.488	11
12	1.888	0.8808	1.10 B	2.81	33.0E	28.8	7.17	2.13	1.87	1.34	6.81	5.408	12
13	1.708	1.00 B	1.10 B	3.32	30.2E	30.8	7.33	2.10	1.82	1.83	4.78	5.208	13
14	1.738	1.02 B	1.10 B	4.34	24.2E	28.4	8.13	2.04	1.80	1.82	4.08	4.808	14
15	1.788	1.03 B	1.11 B	6.18	27.2E	25.9	8.81	2.16	1.48	1.88	3.21	3.808	15
16	1.748	1.07 B	1.12 B	8.27	28.0E	21.8	8.44	3.18	1.44	1.40	2.84	3.808	16
17	1.888	1.08 B	1.12 B	7.28	26.0E	18.8	7.30	3.48	1.40	1.34	3.30	3.608	17
18	1.838	1.12 B	1.10 B	7.62	24.8E	16.4	6.43	2.87	1.40	1.31	2.88	3.408	18
19	1.808	1.18 B	1.08 B	8.88	23.8E	15.8	5.78	2.80	1.38	1.30	2.88	3.578	19
20	1.488	1.18 B	1.10 B	10.8	22.7E	14.4	5.84	2.95	1.38	1.28	3.28	3.308	20
21	1.418	1.17 B	1.11 B	11.8	21.8E	13.1	5.21	2.85	1.33	1.30	3.80	3.228	21
22	1.378	1.18 B	1.12 B	10.8	21.8E	12.8	4.80	2.37	1.31	1.27	3.47	3.188	22
23	1.378	1.13 B	1.17 B	9.42	21.8E	13.1	4.37	2.22	1.28	1.32	3.86	3.058	23
24	1.438	1.12 B	1.20 B	8.42	20.8E	14.0	4.10	2.18	1.27	2.00	3.88	3.008	24
25	1.528	1.12 B	1.30 B	8.88	19.2E	13.7	3.87	2.12	1.28	1.85	2.85	3.008	25
26	1.628	1.11 B	1.48 B	8.45	18.0E	14.1	3.78	2.03	1.28	1.78	2.33	3.058	26
27	1.788	1.08 B	1.48 B	8.78	23.0E	12.3	3.82	2.00	1.23	1.72	2.10	3.058	27
28	1.888	1.05 B	1.48 B	10.8	28.0E	10.8	3.78	2.00	1.24	1.87	1.93	2.958	28
29	2.028		1.42 B	11.5	30.0E	10.3	3.38	1.88	1.20	1.87	2.13	2.838	29
30	2.008		1.40 B	14.2	32.0E	10.8	3.08	1.78	1.18	1.31	3.38	2.708	30
31	1.908		1.38 B		35.0E		2.90	1.77		1.30		2.888	31
TOTAL	51.88	28.882	35.800	188.03	821.8	778.8	200.82	77.17	47.78	42.38	88.83	174.78	TOTAL
MEAN	1.67	1.02	1.15	6.30	27.2	25.8	6.48	2.48	1.88	1.37	3.28	5.84	MEAN
MAX	2.02	1.18	1.48	14.2	48.7	48.1	10.8	3.48	2.80	2.00	10.1	16.2	MAX
MIN	1.37	0.882	0.870	1.35	17.5	10.3	2.90	1.77	1.18	1.07	1.32	2.85	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.08
MAXIMUM DAILY, 48.7 ON MAY 10
MINIMUM DAILY, 0.8828 ON FEB 1
MAXIMUM INSTANTANEOUS,
54.7 AT 09:43 PST ON MAY 10

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 55 N
LONG 120 34 35 W
DRAINAGE AREA, 882 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 480	JUL	17 400
FEB	2 470	AUG	6 670
MAR	3 080	SEP	4 130
APR	18 300	OCT	3 680
MAY	74 500	NOV	8 510
JUN	67 100	DEC	15 100

TOTAL DISCHARGE, 223 000 dam³

PATSY CREEK NEAR THE MOUTH - STATION NO. 08DB012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0428	0.0788	0.0348	0.035	1.33	0.807	0.187	0.020	0.025	0.187	0.138	0.143	1
2	0.0418	0.0888	0.0338	0.027	1.28	0.422	0.084	0.018	0.022	0.123	0.744	0.525	2
3	0.0418	0.0848	0.033	0.026	1.07	0.841	0.067	0.017	0.026	0.108	1.32	0.815	3
4	0.0418	0.0808	0.033	0.026	0.910	0.982	0.061	0.042	0.071	0.151	0.882	0.432	4
5	0.0408	0.0878	0.033	0.027	0.882	0.718	0.058	0.050	0.058	0.188	0.422	0.328	5
6	0.0418	0.0828	0.032	0.028	1.14	0.880	0.062	0.088	0.083	0.134	0.277	0.328	6
7	0.0418	0.0808	0.034	0.028	1.18	0.528	0.048	0.048	0.048	0.301	0.208	0.181	7
8	0.0418	0.0488	0.034	0.026	1.27	0.514	0.048	0.040	0.038	0.481	0.280	0.158	8
9	0.0428	0.0478	0.034	0.028	0.888	0.474	0.041	0.035	0.033	0.843	0.221	0.141	9
10	0.0428	0.0488	0.034	0.031	0.595	0.482	0.038	0.184	0.028	0.384	0.188	0.126	10
11	0.0428	0.0448	0.033	0.047	0.481	0.430	0.036	0.110	0.024	0.808	0.178	0.112	11
12	0.0848	0.0428	0.031	0.058	0.448	0.337	0.032	0.072	0.021	0.437	0.188	0.114	12
13	0.0808	0.0428	0.030	0.061	0.481	0.387	0.033	0.434	0.020	0.380	0.130	0.172	13
14	0.0578	0.0428	0.030	0.103	0.888	0.308	0.038	0.218	0.020	0.317	0.118	0.313	14
15	0.0888	0.0408	0.030	0.128	0.808	0.238	0.033	0.130	0.017	0.247	0.108	0.272	15
16	0.0888	0.0408	0.030	0.117	0.807	0.188	0.031	0.085	0.018	0.188	0.118	0.218	16
17	0.0888	0.0388	0.029	0.109	0.438	0.148	0.028	0.077	0.022	0.401	0.172	0.188	17
18	0.0888	0.0388	0.029	0.121	0.441	0.134	0.030	0.070	0.065	0.887	1.42	0.158	18
19	0.0888	0.0388	0.028	0.188	0.477	0.108	0.108	0.068	0.140	0.418	0.803	0.148	19
20	0.0888	0.0388	0.027	0.380	0.393	0.108	0.094	0.063	0.880	0.378	0.283	0.131	20
21	0.0888	0.0388	0.027	0.443	0.481	0.107	0.088	0.128	0.800	0.288	0.302	0.133	21
22	0.0888	0.0378	0.026	0.331	0.883	0.108	0.087	0.083	0.221	0.181	0.182	0.138	22
23	0.0838	0.0378	0.026	0.338	0.872	0.105	0.080	0.072	0.188	0.185	0.136	0.182	23
24	0.0828	0.0388	0.026	0.602	0.871	0.087	0.043	0.088	0.118	0.130	0.121	0.858	24
25	0.0858	0.0388	0.026	0.474	0.887	0.072	0.037	0.058	0.091	0.128	0.107	1.41	25
26	0.0908	0.0388	0.025	0.804	0.748	0.088	0.032	0.048	0.080	0.128	0.080	1.27	26
27	0.1228	0.0388	0.026	0.733	0.831	0.084	0.028	0.043	0.070	0.122	0.087	0.848	27
28	0.1208	0.0348	0.025	0.872	1.02	0.048	0.028	0.038	0.188	0.107	0.308	0.334	28
29	0.1038		0.026	1.07	1.27	0.043	0.028	0.031	0.888	0.108	0.174	0.238	28
30	0.0928		0.026	1.28	0.844	0.044	0.022	0.028	0.380	0.123	0.188	0.187	30
31	0.0838		0.027		0.918		0.021	0.026		0.121		0.172	31
TOTAL	1.881	1.282	0.917	8.051	25.027	8.885	1.858	2.422	3.884	7.888	8.188	10.270	TOTAL
MEAN	0.061	0.046	0.030	0.288	0.807	0.330	0.060	0.078	0.128	0.253	0.308	0.331	MEAN
MAX	0.122	0.078	0.034	1.28	1.32	0.882	0.187	0.438	0.880	0.887	1.42	1.41	MAX
MIN	0.040	0.034	0.025	0.025	0.383	0.043	0.021	0.017	0.017	0.107	0.080	0.112	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.228
MAXIMUM DAILY, 1.42 ON NOV 18
MINIMUM DAILY, 0.017 ON AUG 3
MAXIMUM INSTANTANEOUS,
3.34 AT 13:55 PST ON NOV 18

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 25 05 N
LONG 120 24 57 W
DRAINAGE AREA, 4.85 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	183	JUL	136
FEB	109	AUG	208
MAR	78.3	SEP	333
APR	695	OCT	675
MAY	2 150	NOV	782
JUN	888	DEC	687

TOTAL DISCHARGE, 7 100 dam³

PAUL CREEK AT THE OUTLET OF PINANTAN LAKE - STATION NO. 08LB012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.072B	0.058B	0.037B	0.160E	0.484	0.808	0.238	0.186	0.151	0.111E	0.110	0.126	1
2	0.078B	0.047B	0.038B	0.168E	0.484	0.836	0.242E	0.195	0.156	0.110E	0.110	0.127	2
3	0.080B	0.037B	0.034B	0.172E	0.488	0.741	0.247	0.270	0.163E	0.108	0.117	0.127E	3
4	0.085B	0.030B	0.034B	0.178	0.475E	0.688	0.241	0.256	0.168	0.103	0.134	0.124	4
5	0.094	0.030B	0.038B	0.188	0.484	0.675	0.237	0.227	0.168	0.117	0.143	0.120	5
6	0.086	0.032B	0.038B	0.158	0.488	0.820	0.224	0.190E	0.188	0.112	0.154	0.126E	6
7	0.084E	0.034B	0.037B	0.158	0.491E	0.886	0.208	0.163	0.168	0.100	0.168	0.124	7
8	0.068E	0.038B	0.037	0.164	0.494	0.850E	0.195	0.110	0.168	0.088	0.168	0.122E	8
9	0.068E	0.041B	0.036	0.156	0.494E	0.822	0.186	0.083	0.172	0.077	0.172	0.120	9
10	0.090E	0.048	0.034	0.181	0.494	0.471	0.198E	0.100E	0.183E	0.084	0.175	0.118E	10
11	0.083	0.048E	0.037	0.186	0.488	0.450E	0.201	0.103	0.184	0.077	0.177	0.117	11
12	0.083	0.040E	0.080E	0.181	0.488	0.430E	0.282	0.100	0.181	0.080	0.178E	0.116	12
13	0.083	0.038E	0.081	0.180	0.488	0.408	0.244	0.118E	0.186	0.077	0.176	0.110	13
14	0.093	0.032	0.088	0.181	0.488	0.381	0.248	0.132	0.186	0.077	0.173E	0.110	14
15	0.093E	0.031B	0.108	0.182	0.488	0.382	0.284	0.181	0.181	0.078E	0.188	0.108	15
16	0.083	0.030B	0.108E	0.170E	0.781	0.374	0.286E	0.171	0.185	0.081	0.181	0.110	16
17	0.083	0.031B	0.106	0.167	0.788	0.358	0.301	0.186	0.170E	0.081	0.184	0.110E	17
18	0.082	0.032	0.105	0.181	0.488	0.345E	0.302	0.156	0.158E	0.081	0.184	0.108B	18
19	0.090	0.038E	0.102	0.198	0.535	0.330	0.290	0.148	0.150E	0.078	0.180E	0.107B	19
20	0.090	0.040	0.102	0.218	0.588	0.323	0.280	0.148E	0.148E	0.078	0.185	0.104B	20
21	0.088	0.040E	0.110E	0.244	0.588E	0.311	0.230	0.151E	0.138E	0.078	0.188	0.100B	21
22	0.084E	0.040	0.118	0.290E	0.588	0.300	0.203	0.153	0.130E	0.074E	0.186	0.108B	22
23	0.080B	0.040E	0.118	0.336	0.588	0.287	0.178E	0.138	0.126E	0.076	0.185	0.110B	23
24	0.078B	0.040	0.122E	0.416	0.682	0.277	0.147	0.131	0.122E	0.081	0.181	0.125B	24
25	0.074B	0.040	0.126E	0.448	0.721	0.270E	0.130	0.134	0.118E	0.081	0.181E	0.150B	25
26	0.074	0.040E	0.130E	0.450	0.800E	0.268E	0.108	0.140E	0.116E	0.080	0.148E	0.170B	26
27	0.074	0.040	0.134E	0.450E	0.894	0.262	0.137	0.148E	0.116E	0.100	0.138E	0.178B	27
28	0.078	0.040	0.140E	0.458E	1.01	0.243	0.178	0.161	0.114E	0.110	0.133E	0.190	28
29	0.078B		0.145E	0.467	1.06	0.238	0.178	0.161E	0.113E	0.110E	0.130E	0.194	29
30	0.070		0.150E	0.480	1.03	0.235	0.181E	0.161E	0.113E	0.110	0.127	0.201	30
31	0.065B		0.154E		0.986		0.184	0.151		0.114		0.206E	31
TOTAL	2.521	1.084	3.711	7.386	19.300	13.076	6.787	4.776	4.446	2.814	4.896	4.061	TOTAL
MEAN	0.085	0.038	0.087	0.246	0.823	0.438	0.216	0.154	0.148	0.091	0.153	0.131	MEAN
MAX	0.096	0.058	0.154	0.480	1.06	0.808	0.302	0.270	0.172	0.117	0.177	0.206	MAX
MIN	0.065	0.030	0.034	0.150	0.484	0.235	0.109	0.083	0.112	0.074	0.110	0.100	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.302
MAXIMUM DAILY, 1.06 ON MAY 29
MINIMUM DAILY, 0.030B ON FEB 4

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 43 30 N
LONG 120 01 58 W
DRAINAGE AREA, 85.7 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	226	JUL	584
FEB	91.8	AUG	413
MAR	234	SEP	384
APR	636	OCT	243
MAY	1 670	NOV	397
JUN	1 130	DEC	351

TOTAL DISCHARGE, 8 380 dam³

PAVILION CREEK ABOVE DIVERSIONS - STATION NO. 08MD028

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.035E	0.098	0.251	0.148	0.088	0.134	0.094	---	---	1
2	---	---	---	0.034E	0.117	0.262	0.140	0.156	0.130	0.093	---	---	2
3	---	---	---	0.033E	0.112	0.262	0.136	0.124	0.126	0.094A	---	---	3
4	---	---	---	0.036E	0.117	0.268	0.136	0.103	0.128	---	---	---	4
5	---	---	---	0.038E	0.128	0.269	0.131	0.098	0.133	---	---	---	5
6	---	---	---	0.038E	0.138	0.268	0.126	0.091	0.124	---	---	---	6
7	---	---	---	0.038E	0.138	0.268	0.124	0.088	0.126	---	---	---	7
8	---	---	---	0.038E	0.141	0.268	0.121	0.087	0.123	---	---	---	8
9	---	---	---	0.037E	0.140	0.265	0.126	0.088	0.121	---	---	---	9
10	---	---	---	0.038E	0.142	0.241	0.142	0.088	0.121	---	---	---	10
11	---	---	---	0.038E	0.136	0.232	0.138	0.083	0.118	---	---	---	11
12	---	---	---	0.040E	0.132	0.228	0.127	0.080	0.117	---	---	---	12
13	---	---	---	0.040E	0.130	0.226	0.120	0.082	0.116	---	---	---	13
14	---	---	---	0.041E	0.130	0.218	0.118	0.082	0.116	---	---	---	14
15	---	---	---	0.041E	0.128	0.214	0.123	0.104	0.112	---	---	---	15
16	---	---	---	0.042E	0.132	0.231	0.118	0.148	0.121	---	---	---	16
17	---	---	---	0.043E	0.131	0.206	0.113	0.122	0.126	---	---	---	17
18	---	---	---	0.048A	0.126	0.194	0.108	0.107	0.118	---	---	---	18
19	---	---	---	0.060	0.127	0.188	0.104	0.103	0.118	---	---	---	19
20	---	---	---	0.067	0.123	0.181	0.101	0.101	0.113	---	---	---	20
21	---	---	---	0.062	0.122	0.172	0.100	0.097	0.108	---	---	---	21
22	---	---	---	0.064	0.118	0.172	0.100	0.118	0.108	---	---	---	22
23	---	---	---	0.060	0.120	0.168	0.097	0.127	0.104	---	---	---	23
24	---	---	---	0.048	0.128	0.162	0.094	0.110	0.101	---	---	---	24
25	---	---	---	0.062	0.138	0.156	0.093	0.108	0.101	---	---	---	25
26	---	---	---	0.066	0.139	0.163	0.091	0.112	0.100	---	---	---	26
27	---	---	---	0.066	0.191	0.158	0.091	0.105	0.098	---	---	---	27
28	---	---	---	0.062	0.234	0.155	0.088	0.105	0.097	---	---	---	28
29	---		---	0.073	0.213	0.154	0.088	0.104	0.096	---	---	---	29
30	---		---	0.066	0.224	0.156	0.088	0.102	0.096	---	---	---	30
31	---		---		0.240		0.087	0.138		---		---	31
TOTAL	---	---	---	1.416	4.430	6.306	3.811	3.236	3.446	---	---	---	TOTAL
MEAN	---	---	---	0.047	0.143	0.210	0.113	0.104	0.115	---	---	---	MEAN
MAX	---	---	---	0.066	0.240	0.268	0.148	0.156	0.134	---	---	---	MAX
MIN	---	---	---	0.033	0.089	0.154	0.088	0.080	0.096	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.268 ON JUN 5

MAXIMUM INSTANTANEOUS,
0.286 AT 21:15 PST ON MAY 27

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 54 41 N
LONG 121 43 04 W

DRAINAGE AREA, 37.1 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	303
FEB	---	AUG	280
MAR	---	SEP	298
APR	122	OCT	---
MAY	383	NOV	---
JUN	648	DEC	---

PEACE RIVER ABOVE PINE RIVER - STATION NO. 07FA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 480E	1 900E	1 820	1 670E	714E	1 220E	1 170	1 680	1 380	1 030E	1 380E	1 210E	1
2	1 450E	1 700E	1 810	1 710E	831E	1 210E	881	1 640	884	1 340A	1 200E	1 220E	2
3	1 450E	1 810E	1 440	1 600E	748E	1 320E	1 070	1 480	878	1 030	840E	1 180E	3
4	1 470E	1 830E	1 610	1 520E	828E	1 180E	1 220	1 380	723	988	840E	1 130E	4
5	1 480E	1 820E	1 810	1 420E	838E	885E	1 480	1 410	818	978	840E	1 100E	5
6	1 450E	1 810E	1 480	1 380E	784E	1 080E	1 440	1 410	1 380	1 080	888E	1 070E	6
7	1 480E	1 810E	1 820	1 280E	838E	782E	1 280	1 910	1 340	1 270	840E	1 080E	7
8	1 440E	1 800E	1 480	1 200E	828E	744E	1 830	1 510	1 380	1 320	740E	1 080E	8
9	1 480E	1 820	1 800	1 080E	780E	768E	1 890	1 280	1 180	1 220	720E	1 080E	9
10	1 420E	1 880	1 610	1 170E	780E	1 140E	1 970	1 330	1 080	1 080	888E	1 080E	10
11	1 400E	1 880	1 140	1 230E	810E	873E	1 880	1 310	1 070	1 180	888E	1 170E	11
12	1 380E	1 880	1 110	1 210E	770E	880E	1 820	1 680	970	1 100	918E	1 260E	12
13	1 320E	1 700	1 200	1 370E	718E	870E	1 880	1 380	1 000	1 280	888E	1 270E	13
14	1 280E	1 880	1 300	1 180	888E	1 080E	1 420	1 880	1 070	1 320	838E	1 200E	14
15	1 300E	1 880E	1 240	808	777E	908E	1 270	1 410	1 070	1 240	480E	1 120E	15
16	1 280E	1 710E	1 250	1 020E	884E	888E	1 080	1 370	881	1 480	838E	1 140E	16
17	1 300E	1 740E	1 290	1 180E	728E	828E	1 130	1 310	1 080	1 270	830E	1 150E	17
18	1 380E	1 730E	1 120	1 240E	778E	827E	1 170	1 480	1 080	1 180	800E	1 180E	18
19	1 420E	1 720	818	1 300E	1 130E	1 130E	1 270	1 430	1 080	1 120	800E	1 180E	19
20	1 440E	1 880	888	1 120E	1 130E	1 800E	1 200	1 410	1 080	1 240	1 080E	1 380E	20
21	1 480E	1 830	1 070	1 040	888E	1 380E	1 250	1 430	1 080	1 270	1 480E	1 800E	21
22	1 400E	1 220	1 210	874	878E	1 140E	1 840	1 420	1 080	1 080	1 880E	1 840E	22
23	1 430E	1 080	1 280	7388	1 330E	1 180E	1 480	1 380	1 080	1 070A	1 700E	1 880E	23
24	1 420E	1 170	1 440	820E	1 240E	1 300E	1 830	1 430	1 080	180	1 800E	1 800E	24
25	1 440E	1 080	1 880E	780E	1 080E	1 020E	1 830	1 380	1 070	888A	1 300E	880E	25
26	1 880E	1 070	1 880E	880E	1 010E	888E	1 820	1 330	1 080	780A	1 130E	880E	26
27	1 810E	1 300E	1 810E	830E	1 080E	1 240E	1 480	1 140	1 330A	827A	1 120E	1 200E	27
28	1 870E	1 410	1 800E	870E	800E	1 800E	1 430	1 180	1 080E	748A	1 130E	1 880E	28
29	1 880E		1 810E	888E	788E	1 240E	1 170	1 440	830E	880E	1 130E	1 880E	29
30	1 880E		1 820E	844E	1 080E	1 170	1 420	1 430	830E	1 180E	1 180E	1 480E	30
31	1 880E		1 830E		1 810E		1 400	1 310		1 300E		1 380E	31
TOTAL	44 640	44 180	43 780	32 788	28 001	31 818	42 881	43 130	31 871	34 739	27 338	38 870	TOTAL
MEAN	1 440	1 580	1 380	1 090	803	1 080	1 380	1 380	1 080	1 120	908	1 250	MEAN
MAX	1 810	1 830	1 880	1 710	1 810	1 800	1 880	1 880	1 380	1 480	1 700	1 840	MAX
MIN	1 380	1 070	888	830	888	837	881	1 140	723	748	480	880	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 210
MAXIMUM DAILY, 1 830E ON FEB 4
MINIMUM DAILY, 480E ON NOV 16

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 11 58 N
LONG 120 44 42 W
DRAINAGE AREA, 83 900 km²
A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 850 000	JUL	3 690 000
FEB	3 820 000	AUG	3 730 000
MAR	3 700 000	SEP	3 750 000
APR	2 830 000	OCT	3 000 000
MAY	2 420 000	NOV	2 350 000
JUN	2 780 000	DEC	3 350 000

TOTAL DISCHARGE, 38 300 000 dam³

PEACE RIVER AT HUDSON HOPE - STATION NO. 07EF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 400	1 810E	1 800	1 820	847	718	848	1 430	982	888	1 380	1 310	1
2	1 400	1 800E	1 440	1 820	817	1 040	880	1 430	887	1 080	1 120	1 180	2
3	1 410	1 780A	1 440	1 520	830	1 120	1 080	1 330	730	988	1 020	1 130	3
4	1 410	1 770	1 440	1 430	838	872	1 180	1 380	778	852	417	1 080	4
5	1 430	1 770	1 400	1 330	488	788	1 330	1 380	1 000	888	408	1 040	5
6	1 420	1 780	1 820	1 280	423	407	1 320	1 480	1 380	1 180	880	1 010	6
7	1 420	1 770	1 800	1 170	440	448	1 210	1 480	1 310	1 380	874	1 030	7
8	1 410	1 710	1 470	888	488	434	1 380	1 420	1 240	1 320	727	1 080	8
9	1 420	1 710	1 480	882	472	888	1 380	1 080	1 080	1 070	831	1 010	9
10	1 410	1 830	1 220	873	818	431	1 430	1 170	1 080	1 080	818	1 010	10
11	1 410	1 830	1 040	1 200	808	417	1 480	1 330	1 080	1 180	428	1 300	11
12	1 310	1 880	1 110	1 080	478	878	1 480	1 810	840	1 110	428	1 380	12
13	1 280	1 880	1 320	1 380	482	803	1 430	1 280	1 080	1 240	838	1 310	13
14	1 330	1 840	1 280	1 120	407	708	1 330	1 800	1 100	1 380	420	1 180	14
15	1 380	1 870	1 200	877	841	888	1 100	1 280	1 070	1 310	488	1 030	15
16	1 180	1 810	1 280	808	874	843	884	1 280	888	1 320	408	1 120	16
17	1 210	1 880	1 180	881	878	429	1 280	1 330	1 080	1 280	808	1 120	17
18	1 280	1 880	888	1 220	826	821	1 080	1 380	1 080	1 130	428	1 080	18
19	1 380	1 830	788	1 110	1 180	1 280	1 180	1 320	1 080	1 180	881	1 040	19
20	1 400	1 870	888	1 080	820	1 240	1 130	1 300	1 100	1 330	1 010	1 210	20
21	1 400	1 400	1 140	871	412	1 100	1 210	1 400	1 080	1 180	1 380	1 820	21
22	1 420	1 080	1 270	704	1 180	878	1 870	1 280	1 240	848	1 870	1 810	22
23	1 380	1 120	1 230	878	1 080	1 230	1 420	1 280	1 080	1 070	1 880	1 800	23
24	1 370	1 130	1 810	782	1 020	1 080	1 480	1 230	1 080	1 080	1 440	1 270	24
25	1 380	1 020	1 870	882	783	888	1 800	1 320	1 080	830	1 080	884	25
26	1 370	1 040	1 400	884	777	882	1 480	1 180	1 170	728	1 080	884	26
27	1 880	1 200	1 880	810	801	1 180	1 880	912	1 080	1 080	1 080	1 310	27
28	1 830	1 410	1 840	818	871	1 080	1 280	1 180	882	848	1 070	1 800	28
29	1 880		1 800	388	788	1 080	1 280	1 380	802	882	1 080	1 840	29
30	1 810A		1 880	884	1 070	1 110	1 340	1 220	888	1 040	1 080	1 170	30
31	1 810E		1 810		1 080		1 340	1 310		1 300		1 180	31
TOTAL	43 080	43 380	41 432	29 184	28 888	28 107	38 888	40 783	31 302	32 848	24 883	38 788	TOTAL
MEAN	1 380	1 810	1 340	973	888	837	1 280	1 310	1 040	1 080	833	1 180	MEAN
MAX	1 880	1 780	1 840	1 820	1 180	1 340	1 870	1 810	1 380	1 880	1 880	1 820	MAX
MIN	1 180	1 020	788	884	407	407	848	812	730	848	408	884	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 130
MAXIMUM DAILY, 1 780A ON FEB 3
MINIMUM DAILY, 384 ON APR 30
MAXIMUM INSTANTANEOUS,
2 080 AT 10:40 PST ON AUG 20

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 01 38 N
LONG 121 53 58 W
DRAINAGE AREA, 88 000 km²
A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 720 000	JUL	3 430 000
FEB	3 680 000	AUG	3 520 000
MAR	3 580 000	SEP	2 700 000
APR	2 830 000	OCT	2 640 000
MAY	1 780 000	NOV	2 180 000
JUN	2 170 000	DEC	3 180 000

TOTAL DISCHARGE, 35 390 000 dam³

PEACE RIVER NEAR TAYLOR - STATION NO. 07FD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 480E	1 830	1 770	1 830	1 030	1 870	1 880	1 800	1 470	953	1 480	1 210	1
2	1 480E	1 840	1 800	1 870	1 210	2 080	1 280	1 570	1 080	1 180	1 270	1 280	2
3	1 500E	1 780	1 840	1 830	1 180	2 200	1 450	1 600	1 030	1 130	1 210	1 240	3
4	1 490E	1 890	1 820	1 480	1 260	1 850	1 580	1 480	854	1 030	1 120	1 180	4
5	1 480E	1 900B	1 850	1 420	1 350	1 800	1 820	1 550	1 000	1 040	872	1 180	5
6	1 480E	1 870B	1 880	1 210	1 380	1 870	1 810	1 830	1 310	1 110	884	1 140	6
7	1 480E	1 910B	1 730	1 270	1 880	1 840	1 880	1 830	1 480	1 330	824	1 130	7
8	1 480E	1 870B	1 800	1 030	1 770	1 440	1 850	1 810	1 510	1 400	788	1 110	8
9	1 500E	1 800B	1 880	838	1 780	1 370	1 900	1 420	1 320	1 310	838	1 120	9
10	1 480E	1 810	1 830	1 080	1 760	1 770	1 930	1 330	1 180	1 180	743	1 080	10
11	1 480E	1 740	1 280	1 100	1 810	1 820	2 080	1 380	1 170	1 240	883	1 010	11
12	1 420E	1 870	1 200	1 180	1 780	1 470	1 880	1 890	1 070	1 200	887	1 230	12
13	1 370E	1 830	1 280	1 310	1 840	1 880	1 830	1 890	1 070	1 370	828	1 290	13
14	1 310E	1 800	1 400	1 280	1 280	1 700	1 780	1 710	1 180	1 370	884	1 370	14
15	1 300E	1 810	1 330	887	1 310	1 490	1 700	1 820	1 180	1 340	830	1 200	15
16	1 300A	1 780	1 320	842	1 800	1 880	1 380	1 830	877	1 550	884	1 180E	16
17	1 220	1 800B	1 380	1 020	1 300	1 440	1 380	1 830	1 110	1 380	888	1 210E	17
18	1 320	1 780B	1 210	1 140	1 380	1 080	1 480	1 740	1 120	1 220	893	1 240E	18
19	1 290	1 810B	887	1 280	1 880	1 480	1 480	1 890	1 120	1 240	705	1 170E	19
20	1 410	1 740	849	1 180	1 840	1 820	1 430	1 840	1 180	1 310	1 080	1 880E	20
21	1 410	1 880	1 140	1 280	1 180	1 880	1 480	1 880	1 130	1 480	1 870	1 710E	21
22	1 430	1 380	1 270	842	1 320	1 400	1 800	1 880	1 130	1 240	1 720	1 800E	22
23	1 480	1 180	1 380	888	1 740	1 430	1 870	1 880	1 140	1 080	1 800	1 740E	23
24	1 480B	1 270	1 820	1 000	1 820	1 880	1 710	1 720	1 130	1 280	1 880	1 710E	24
25	1 440B	1 180	1 880	988	1 440	1 270	1 700	1 700	1 130	1 080	1 410	1 400E	25
26	1 870E	1 140	1 880	788	1 380	1 210	1 750	1 820	1 130	788	1 200	1 100E	26
27	1 880E	1 130	1 870	821	1 480	1 480	1 880	1 430	1 200	808	1 180	1 870E	27
28	1 830E	1 820	1 830	888	1 290	1 870	1 870	1 380	872	854	1 140	1 720E	28
29	1 800E		1 830	844	1 200	1 880	1 300	1 810	844	882	1 170	1 820E	29
30	1 880		1 840	881	1 480	1 740	1 880	1 830	887	778	1 180	1 820E	30
31	1 880		1 890		1 870		1 810	1 800		1 380		1 870E	31
TOTAL	45 100	45 880	44 888	33 880	45 870	48 830	51 180	48 820	34 174	38 320	30 808	41 830	TOTAL
MEAN	1 480	1 840	1 480	1 130	1 470	1 820	1 880	1 140	1 170	1 030	1 030	1 380	MEAN
MAX	1 880	1 810	1 800	1 870	1 870	2 200	2 080	1 740	1 810	1 880	1 880	1 820	MAX
MIN	1 220	1 130	848	788	1 030	1 080	1 290	1 330	854	882	880	1 010	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 380
MAXIMUM DAILY, 2 200 ON JUN 3
MINIMUM DAILY, 880 ON NOV 15
MAXIMUM INSTANTANEOUS,
2 350 AT 05:11 PST ON JUN 4

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 04 09 N
LONG 120 40 12 W
DRAINAGE AREA, 97 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 900 000	JUL	4 430 000
FEB	3 880 000	AUG	4 230 000
MAR	3 830 000	SEP	2 880 000
APR	2 830 000	OCT	3 140 000
MAY	3 850 000	NOV	2 880 000
JUN	4 200 000	DEC	3 610 000

TOTAL DISCHARGE, 43 800 000 dam³

PEMBERTON CREEK NEAR PEMBERTON - STATION NO. 08MG025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.280	3.59	4.84	1.81	2.88	1.82	0.822	0.588	0.327	1
2	---	---	---	0.224	3.50	4.87	1.85	2.78	1.84	0.825	0.843	1.83	2
3	---	---	---	0.203	3.41	4.88	1.78	2.88	1.44	0.819	0.804	4.15	3
4	---	---	---	0.187	3.40	4.48	1.85	2.88	1.67	0.718	1.84	4.78 E	4
5	---	---	---	0.304	3.83A	4.82	1.42	2.77	1.38	0.784	1.08	3.18	5
6	---	---	---	0.548	4.10E	4.00	1.43	2.78	1.88	0.883	1.33	1.40	6
7	---	---	---	0.888	4.20E	3.87	1.83	2.77	1.82	1.01	1.18	1.18	7
8	---	---	---	0.887	4.25A	3.48	1.73	2.88	1.90	0.818	1.31	1.11	8
9	---	---	---	0.838	3.79	3.01	1.82	2.38	1.53	0.888	---	0.888	9
10	---	---	---	0.808	3.33	2.77	1.82	2.02	1.42	2.12	5.18 E	0.818	10
11	---	---	---	0.857	2.17	3.18	1.87	1.78	1.48	1.51	2.67	0.8008	11
12	---	---	---	0.814	1.82	3.17	2.08	1.80	1.88	1.38	1.42	0.4308	12
13	---	---	---	1.21	1.38	3.80	2.27	1.80	1.81	0.884	1.02	0.3808	13
14	---	---	---	1.81	1.72	3.84	2.30	1.88	1.71	0.788	0.782	0.3508	14
15	---	---	0.2868	2.82	2.27	2.82	2.27	1.83	1.80	0.828	0.818	0.3208	15
16	---	---	0.2308	1.88	2.84	2.18	2.08	1.88	1.84	0.814	0.838	0.3108	16
17	---	---	0.2108	1.48	2.80	1.82	2.01	1.87	1.14	0.808	0.471	0.2908	17
18	---	---	0.1858	1.42	1.78	1.87	1.88	2.17	0.802	4.74 E	0.588	0.2708	18
19	---	---	0.1808	1.82	1.31	1.84	2.00	2.20	0.838	2.18	1.87	0.2808	19
20	---	---	0.1888	2.88	1.08	1.48	1.88	2.42	0.800	1.82	2.40	0.3588	20
21	---	---	0.2008	2.82	1.07	1.38	1.88	3.33	1.00	1.78	1.88	0.2628	21
22	---	---	0.2208	1.88	1.12	1.73	1.83	2.83	1.30	1.71	1.11	0.2508	22
23	---	---	0.2258	1.20	1.24	2.38	1.75	2.33	1.28	2.01	0.888	0.2508	23
24	---	---	0.217	1.18	1.13	2.78	1.78	2.18	1.32	3.03	0.727	0.2608	24
25	---	---	0.221	1.84	1.12	2.88	1.88	2.10	1.33	1.88	0.888	0.2708	25
26	---	---	0.258	1.81	1.22	2.88	2.23	1.88	1.23	1.88	0.808	0.2858	26
27	---	---	0.311	2.18	1.77	2.13	2.12	1.88	1.24	1.23	0.482	0.3228	27
28	---	---	0.324	2.84	2.32	1.83	1.88	1.77	1.48	0.838	0.417	0.318	28
29	---		0.308	3.38	2.80	1.48	2.18	1.80	1.40	0.772	0.382	0.283	29
30	---		0.287	3.88	3.85	1.88	2.48	1.87	1.18	0.872	0.383	0.272	30
31	---		0.274		4.38		2.81	1.81		0.818		0.278	31
TOTAL	---	---	---	42.824	78.14	88.88	80.18	89.42	42.327	41.011	---	24.838	TOTAL
MEAN	---	---	---	1.43	2.82	2.88	1.84	2.24	1.41	1.32	---	0.801	MEAN
MAX	---	---	---	3.88	4.38	4.87	2.81	3.33	1.80	4.74	---	4.78	MAX
MIN	---	---	---	0.187	1.07	1.38	1.42	1.83	0.838	0.814	---	0.280	MIN

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 19 02 N
LONG 122 48 06 W
DRAINAGE AREA, 31.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	6 200
FEB	---	AUG	6 000
MAR	---	SEP	3 880
APR	3 710	OCT	3 840
MAY	8 780	NOV	---
JUN	7 480	DEC	2 150

POND D'OREILLE RIVER BELOW INTERNATIONAL BOUNDARY - STATION NO. 08NE118

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	8.010	---	---	---	---	---	---	---	8.020	1
2	---	---	---	---	---	---	---	---	---	---	8.218	---	2
3	---	---	---	---	---	10.880	---	---	---	---	8.380	---	3
4	---	10.210	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	10.780	8.880	---	---	---	---	5
6	---	---	---	---	11.410	---	---	---	8.620	---	---	---	6
7	9.825	---	---	8.780	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	8.800	---	---	---	11.070	---	---	---	---	---	8.530	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	9.570	---	9.230	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	11.370	---	---	9.340	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	8.830	13
14	---	---	---	10.015	---	---	9.675	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	9.705	---	---	15
16	---	---	---	---	---	---	---	---	10.054	---	---	---	16
17	---	---	---	---	---	11.280	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	8.820	---	18
19	---	---	---	---	---	---	---	7.370	---	---	---	---	19
20	8.780	---	---	---	11.385	---	---	---	---	---	---	---	20
21	---	---	---	---	---	11.280	---	---	---	---	8.345	---	21
22	---	---	8.440	8.880	---	---	---	---	---	---	---	7.390	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	8.470	---	---	---	24
25	---	8.700	---	---	---	---	---	---	---	---	8.480	---	25
26	---	---	---	---	10.040	---	---	8.100	---	---	---	---	26
27	8.830	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	10.830	---	---	10.180	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	10.370	---	---	---	---	---	8.130	30
31	---		---		---		---	8.210		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 00 53 N
LONG 117 22 04 W

REGULATED SINCE 1938

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

POND OREILLE RIVER AT INTERNATIONAL BOUNDARY - STATION NO. 08NE010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	442	388	588	803	1 380	848	871	430	841	385	708	888	1
2	432	384	514	844	1 040	832	823	418	827	708	898	708	2
3	419	381	384	881	1 380	1 000	857	384	812	897	702	800	3
4	418	487	385	848	1 270	800	748	388	898	718	714	847	4
5	413	394	381	878	1 340	882	773	439	878	702	732	803	5
6	480	433	433	808	1 230	888	739	348	888	748	848	887	6
7	328	381	428	888	1 230	1 100	884	413	848	718	488	738	7
8	382	348	487	888	1 300	1 280	840	428	848	871	783	888	8
9	372	348	881	840	1 380	1 300	848	428	880	708	711	770	9
10	372	348	838	871	1 810	1 410	817	378	782	748	711	827	10
11	182	387	847	888	1 880	1 380	858	371	877	884	770	852	11
12	288	374	480	714	1 870	1 380	804	418	733	711	787	788	12
13	287	341	844	728	1 700	1 480	428	428	871	884	758	801	13
14	331	370	888	887	1 880	1 880	828E	408	840	871	828	810	14
15	287	340	872	880	1 710	1 830	861E	433	808	743	848	748	15
16	288	331	872	748	1 710	1 880	880E	433	481	880	884	888	16
17	278	348	872	885	1 720	1 840	888E	448	317	812	818	843	17
18	285	380	880	773	1 880	1 830	840	430	888	852	780	881	18
19	388	384	878	838	1 840	1 840	881	428	838	888	738	884	19
20	413	317	882	838	1 830	1 840	888	388	844	844	824	888	20
21	388	337	882	843	1 480	1 480	818	478	823	837	782	828	21
22	382	388	888	1 080	1 270	1 200	818	488	837	812	728	828	22
23	388	381	887	1 230	1 220	888	804	411	718	800	888	823	23
24	382	428	872	1 300	1 080	880	807	810	782	888	818	883	24
25	340	388	480	1 310	1 080	1 030	481	814	738	884	728	832	25
26	283	388	382	1 280	1 180	888	888	808	833	884	718	831	26
27	358	374	488	1 330	843	847	840	882	847	888	748	827	27
28	278	430	888	1 280	884	783	817	884	818	888	783	821	28
29	240		888	1 230	1 110	773	813	838	488	804	848	881	29
30	338		887	1 310	1 080	733	841	881	832	888	837	834	30
31	343		880		1 010		484	848		880		888	31
TOTAL	10 428	9 400	18 008	28 847	41 787	38 428	18 878	14 338	18 110	20 878	22 314	20 407	TOTAL
MEAN	338	336	818	882	1 380	1 180	888	483	804	887	744	888	MEAN
MAX	813	487	887	1 330	1 720	1 880	773	884	782	804	848	888	MAX
MIN	148	241	314	844	884	733	428	384	317	388	488	484	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 883
MAXIMUM DAILY, 1 720 ON MAY 17
MINIMUM DAILY, 148 ON JAN 6

SUMMARY FOR THE YEAR 1988

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 59 56 N
LONG 117 21 08 W
DRAINAGE AREA, 88 300 km²

E - ESTIMATED
REGULATED SINCE 1938

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	901 000	JUL	1 810 000
FEB	812 000	AUG	1 240 000
MAR	1 880 000	SEP	1 880 000
APR	2 210 000	OCT	1 780 000
MAY	3 810 000	NOV	1 830 000
JUN	3 080 000	DEC	1 760 000

TOTAL DISCHARGE, 21 800 000 dam³

PENNASK CREEK NEAR QUILCHENA - STATION NO. 08LG015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0888	0.0488	0.0878	0.0888	2.88	5.08	1.31	0.282	0.437	0.183	0.718	2.78	1
2	0.0888	0.0408	0.0868	0.0878	3.11	5.48	1.24	0.300	1.10	0.183	0.937	2.84	2
3	0.0888	0.0388	0.0838	0.0888	3.14	5.07	1.04	0.383	1.15	0.158	0.811	2.88	3
4	0.0858	0.0408	0.0828	0.0848	3.48	4.33	0.882	0.388	0.788	0.180	1.12	2.41	4
5	0.0858	0.0438	0.0828	0.0838	4.02	4.01	0.718	0.321	0.844	0.148	1.09	2.38	5
6	0.0838	0.0468	0.0838	0.1308	4.58	3.84	0.618	0.288	0.583	0.148	0.874	1.83	6
7	0.0888	0.0478	0.0848	0.1808	5.11	3.12	0.578	0.288	0.520	0.144	0.648	1.88	7
8	0.0848	0.0488	0.0858	0.2208	5.81	2.87	0.542	0.287	0.488	0.138	0.535	1.80	8
9	0.0798	0.0528	0.0858	0.2708	6.18	2.38	0.528	0.288	0.408	0.138	0.531	1.80	9
10	0.0778	0.0548	0.0888	0.2808	5.82	2.22	0.580	0.228	0.374	0.152	0.988	1.21	10
11	0.0788	0.0588	0.0918	0.2308	4.82	1.94	0.782	0.208	0.388	0.237	0.811	1.01	11
12	0.0748	0.0588	0.0948	0.3508	3.80	1.73	0.847	0.187	0.338	0.241	0.724	2.38	12
13	0.0738	0.0678	0.0878	0.8008	3.07	1.67	0.881	0.183	0.320	0.214	1.00	1.78	13
14	0.0728	0.0688	0.1008	1.00 B	3.01	1.54	0.824	0.208	0.302	0.218	1.21	0.885	14
15	0.0728	0.0688	0.1108	2.00 B	2.87	1.59	2.43	0.280	0.273	0.200	1.73	1.01	15
16	0.0738	0.0608	0.1088	2.80 B	2.78	1.38	1.84	0.888	0.261	0.288	2.18	0.811	16
17	0.0748	0.0618	0.1088	3.10 B	2.83	1.18	1.18	0.878	0.248	0.187	1.72	0.888	17
18	0.0788	0.0828	0.1078	2.80 B	3.08	1.13	0.880	0.877	0.244	0.188	0.778	0.783	18
19	0.0788	0.0838	0.1088	3.20 B	2.85	1.08	0.808	0.872	0.242	0.188	0.832	1.87	19
20	0.0808	0.0838	0.1048	3.80 B	2.28	1.18	0.701	0.708	0.238	0.188	0.888	1.28	20
21	0.0788	0.0848	0.1038	2.80 B	2.18	1.00	0.818	0.584	0.228	0.188	0.713	0.885	21
22	0.0758	0.0888	0.1018	2.00 B	2.08	0.886	0.882	0.507	0.218	0.190	1.38	0.830	22
23	0.0888	0.0688	0.1008	1.50 B	2.14	0.870	0.532	0.438	0.201	0.218	2.24	0.722	23
24	0.0848	0.0708	0.0988	1.20 B	2.08	0.884	0.482	0.394	0.188	0.474	2.53	0.487	24
25	0.0888	0.0748	0.0988	1.14 B	2.13	0.858	0.422	0.381	0.188	0.478	2.72	0.380	25
26	0.0888	0.0788	0.0988	1.08 B	2.33	0.804	0.408	0.340	0.188	0.380	2.87	0.338	26
27	0.0848	0.0838	0.0958	1.03 B	3.73	0.772	0.438	0.318	0.183	0.383	3.08	0.323	27
28	0.0848	0.0888	0.0938	1.01 B	5.40	0.894	0.408	0.321	0.187	0.441	3.08	0.322	28
29	0.0848		0.0928	1.88	4.11	0.728	0.378	0.332	0.178	0.833	2.88	0.310	29
30	0.0838		0.0918	2.42	4.06	0.848	0.382	0.388	0.188	0.808	2.88	0.311	30
31	0.0808		0.0888		4.88		0.320	0.448		0.872		0.308	31
TOTAL	2.314	1.835	3.828	37.188	108.78	81.017	23.838	12.833	11.183	8.778	43.488	39.023	TOTAL
MEAN	0.075	0.086	0.094	1.24	3.84	2.03	0.782	0.404	0.373	0.283	1.45	1.28	MEAN
MAX	0.083	0.088	0.110	3.80	6.18	5.48	2.43	0.972	1.18	0.833	3.08	2.84	MAX
MIN	0.080	0.038	0.082	0.083	2.08	0.886	0.320	0.193	0.188	0.138	0.531	0.308	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.888
MAXIMUM DAILY, 5.18 ON MAY 3
MINIMUM DAILY, 0.0388 ON FEB 3
MAXIMUM INSTANTANEOUS,
7.00 AT 03:45 PST ON MAY 5

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 58 27 N
LONG 120 08 05 W
DRAINAGE AREA, 87.0 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	200	JUL 2	040
FEB	141	AUG 1	080
MAR	283	SEP	888
APR 3	210	OCT	788
MAY 8	480	NOV 3	780
JUN 8	270	DEC 3	370

TOTAL DISCHARGE, 30 800 dam³

PENTICTON CREEK ABOVE DENNIS CREEK - STATION NO. 08NN168

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.138	0.1208	0.1188	0.1188	0.238	0.143	0.188	0.515	0.444	0.341	0.148	0.148	1
2	0.135	0.1088	0.1168	0.1278	0.211	0.141	0.188	0.523	0.477	0.341	0.148	0.143	2
3	0.135	0.1108	0.1168	0.1348	0.188	0.140	0.188	0.524	0.482	0.340	0.188	0.142	3
4	0.133	0.1138	0.1198	0.1428	0.185	0.138	0.188	0.524	0.440	0.340	0.188	0.144	4
5	0.132	0.1178	0.1218	0.1488	0.178	0.143	0.188	0.523	0.490	0.340	0.181	0.141	5
6	0.131	0.1228	0.1228	0.1518	0.182	0.148	0.182	0.521	0.398	0.342	0.148	0.138	6
7	0.131	0.127A	0.1218	0.1348	0.180	0.143	0.211	0.527	0.383	0.338	0.148	0.137	7
8	0.131	0.1288	0.1228	0.1288	0.171	0.142	0.227	0.527	0.388	0.340	0.142	0.137	8
9	0.132	0.1328	0.1248	0.1248	0.172	0.143	0.238	0.532	0.348	0.338	0.147	0.137	9
10	0.133	0.1268	0.1288	0.1248	0.231	0.140	0.288	0.534	0.348	0.337	0.180	0.137	10
11	0.132	0.1348	0.1238	0.1288	0.187	0.140	0.280	0.524	0.388	0.334	0.188	0.137	11
12	0.134	0.1328	0.1218	0.1308	0.183	0.138	0.284	0.528	0.381	0.318	0.182	0.138	12
13	0.134	0.1338	0.1208	0.1388	0.187	0.138	0.282	0.518	0.348	0.328	0.183	0.138	13
14	0.131	0.1248	0.1208	0.1388	0.144	0.188	0.282	0.518	0.348	0.322	0.180	0.138	14
15	0.132	0.1248	0.1198	0.1448	0.148	0.183	0.284	0.522	0.342	0.328	0.148	0.138	15
16	0.133	0.127E	0.1198	0.1478	0.141	0.187	0.280	0.521	0.343	0.331	0.148	0.138	16
17	0.134	0.1288	0.1198	0.1488	0.181	0.184	0.248	0.518	0.341	0.328	0.145	0.138	17
18	0.132	0.1288	0.1208	0.1488	0.180	0.183	0.287	0.517	0.338	0.327	0.144	0.140	18
19	0.133	0.1268	0.1218	0.1488	0.187	0.188	0.287	0.528	0.334	0.333	0.141	0.137	19
20	0.134	0.1348	0.1218	0.1448	0.188	0.187	0.288	0.518	0.340	0.334	0.148	0.138	20
21	0.133	0.1288	0.1308	0.1428	0.183	0.184	0.288	0.514	0.340	0.332	0.148	0.138	21
22	0.132	0.1278	0.1208	0.1418	0.182	0.188	0.288	0.488	0.333	0.338	0.148	0.137	22
23	0.128	0.1288	0.1198	0.1418	0.188	0.180	0.280	0.481	0.333	0.337	0.143	0.138	23
24	0.130	0.127E	0.1218	0.1428	0.182	0.184	0.337	0.486	0.341	0.338	0.142	0.138	24
25	0.130	0.1248	0.1238	0.143A	0.178	0.180	0.378	0.485	0.340	0.230	0.148	0.138	25
26	0.130	0.1208	0.1228	0.138	0.182	0.148	0.447	0.483	0.337	0.148	0.144	0.135	26
27	0.128	0.1228	0.1238	0.137	0.188	0.180	0.488	0.481	0.338	0.147	0.144	0.137	27
28	0.128	0.130A	0.1238	0.181	0.173	0.148	0.801	0.483	0.337	0.148	0.148	0.138	28
29	0.128		0.1218	0.211	0.183	0.148	0.488	0.480	0.337	0.148	0.148	0.138	29
30	0.124		0.130A	0.248	0.180	0.151	0.805	0.484	0.340	0.148	0.144	0.134	30
31	0.128		0.1308		0.148		0.812	0.447		0.144		0.132	31
TOTAL	4.088	3.448	3.738	4.342	5.307	4.482	8.888	15.888	10.888	9.133	4.418	4.288	TOTAL
MEAN	0.131	0.123	0.121	0.148	0.171	0.150	0.287	0.503	0.383	0.295	0.147	0.138	MEAN
MAX	0.138	0.138	0.125	0.248	0.238	0.183	0.512	0.534	0.477	0.342	0.180	0.148	MAX
MIN	0.124	0.108	0.118	0.118	0.141	0.138	0.182	0.447	0.333	0.144	0.141	0.132	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.215
MAXIMUM DAILY, 0.534 ON AUG 10
MINIMUM DAILY, 0.1088 ON FEB 2
MAXIMUM INSTANTANEOUS,
0.555 AT 18:00 PST ON AUG 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 35 55 N
LONG 119 35 33 W
DRAINAGE AREA, 35.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	382	JUL	766
FEB	296	AUG 1	380
MAR	323	SEP	841
APR	376	OCT	788
MAY	488	NOV	363
JUN	388	DEC	384

TOTAL DISCHARGE, 6 780 dam³

PEPIN CREEK AT INTERNATIONAL BOUNDARY - STATION NO. 08MH155

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.207	0.286	0.267	0.184	0.147	0.138	0.218A	---	1
2	---	---	---	---	0.188	0.320	0.262	0.148	0.144	0.134	---	---	2
3	---	---	---	---	0.184	0.189	0.240	0.163	0.162	0.132	---	---	3
4	---	---	---	---	0.210	0.200	0.178	0.188	0.162	0.133	---	---	4
5	---	---	---	---	0.233	0.182	0.169	0.167	0.143	0.141	---	---	5
6	---	---	---	---	0.210	0.170	0.188	0.148	0.143	0.168	---	---	6
7	---	---	---	---	0.238	0.181	0.158	0.165	0.140	0.180	---	---	7
8	---	---	---	---	0.226	0.186	0.151	0.138	0.132	0.167	---	---	8
9	---	---	---	---	0.192	0.353	0.159	0.134	0.136	0.226	---	---	9
10	---	---	---	---	0.218	0.198	0.163	0.141	0.138	0.186	---	---	10
11	---	---	---	---	0.261	0.187	0.130	0.127	0.133	0.188	---	---	11
12	---	---	---	---	0.287	0.186	0.138	0.131	0.123	0.234	---	---	12
13	---	---	---	---	0.304	0.184	0.139	0.128	0.122	0.230	---	---	13
14	---	---	---	---	0.287	0.278	0.140	0.188	0.120	0.200	---	---	14
15	---	---	---	---	0.176	0.197	0.140	0.188	0.122	0.173	---	---	15
16	---	---	---	---	0.182	0.318	0.188	0.208	0.138	0.188	---	---	16
17	---	---	---	---	0.318	0.282	0.181	0.188	0.140	0.141	---	---	17
18	---	---	---	---	0.518	0.337	0.186	0.187	0.132	0.185	---	---	18
19	---	---	---	---	0.337	0.330	0.148	0.158	0.137	0.186	---	---	19
20	---	---	---	---	0.268	0.308	0.144	0.189	0.138	0.190	---	---	20
21	---	---	---	---	0.231	0.228	0.138	0.487	0.134	0.282	---	---	21
22	---	---	---	---	0.217	0.204	0.148	0.387	0.124	0.232	---	---	22
23	---	---	---	---	0.302	0.183	0.148	0.233	0.128	0.209	---	---	23
24	---	---	---	---	0.408	0.183	0.138	0.188	0.128	0.481	---	---	24
25	---	---	---	---	0.308	0.188	0.128	0.178	0.138	0.281	---	---	25
26	---	---	---	0.308A	---	0.183	0.131	0.184	0.188	0.626	---	---	26
27	---	---	---	0.288	---	0.178	0.134	0.186	0.140	0.418	---	---	27
28	---	---	---	0.338	---	0.281	0.123	0.181	0.133	0.272	---	---	28
29	---		---	0.223	0.383	0.288	0.130	0.180	0.136	0.240	---	---	29
30	---		---	0.223	0.301	0.220	0.143	0.144	0.138	0.238	---	---	30
31	---		---		0.288		0.138	0.143		0.223		---	31
TOTAL	---	---	---	---	---	8.721	4.810	5.828	4.078	8.875	---	---	TOTAL
MEAN	---	---	---	---	---	0.224	0.155	0.178	0.136	0.222	---	---	MEAN
MAX	---	---	---	---	---	0.383	0.287	0.487	0.188	0.626	---	---	MAX
MIN	---	---	---	---	---	0.188	0.120	0.127	0.120	0.132	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.120 ON JUL 11

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 00 12 N
LONG 122 28 14 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	426
FEB	---	AUG	474
MAR	---	SEP	382
APR	---	OCT	694
MAY	---	NOV	---
JUN	881	DEC	---

PINE RIVER AT EAST PINE - STATION NO. 07FB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	31.38	32.38	29.48	38.88	371	838	387	118	130	85.7	108	103 E	1
2	31.08	33.08	29.08	30.88	428	877	334	113	121	88.4	101	100 E	2
3	48.88	33.88	29.88	31.48	437	788	312	103	113	78.4	98.7	134 E	3
4	48.08	33.78	30.88	32.08	808	735	283	101	105	88.8	131	188 E	4
5	44.38	33.88	30.88	33.38	806	788	278	110	104	71.2	181	170 E	5
6	43.88	33.78	31.08	34.78	781	788	288	118	108	72.8	184	143 A	6
7	43.38	34.28	31.18	35.48	842	884	243	123	111	76.8	138	128 E	7
8	44.08	35.88	30.48	37.38	1 020	884	242	131	104	78.4	131	127 E	8
9	44.88	35.48	30.68	38.08	1 020	834	281	135	88.3	71.7	128 B	108 B	9
10	46.08	36.88	29.78	41.08	1 000	847	284	130	92.8	72.8	88.28	88.08	10
11	48.78	38.28	28.78	43.08	1 010	788	278	148	88.7	74.8	148 B	103 B	11
12	47.08	38.08	28.88	45.38	824	880	258	134	80.4	80.8	182 B	138 B	12
13	48.88	38.88	28.88	47.08	835	840	238	188	78.8	83.8	148 B	188 B	13
14	48.08	34.88	28.88	48.88	832	884	227	142	88.8	78.1	118 B	148 B	14
15	48.38	32.08	28.48	51.08	838	801	218	147	88.8	73.1	108 B	138 B	15
16	48.28	31.48	28.78	54.08	878	812	213	178	88.8	71.8	83.88	118 B	16
17	48.88	31.28	28.38	57.08	811	423	201	218	87.7	71.8	108 E	108 B	17
18	48.08	31.88	28.28	60.08	888	388	187	218	87.4	72.8	148 E	88.08	18
19	48.38	32.18	28.58	64.58	808	321	174	284	87.3	108	858 E	88.88	19
20	48.08	32.88	29.18	88.08	481	284	184	184	87.8	178	888 E	78.08	20
21	48.08	33.78	28.88	72.08	444	282	182	173	87.2	182	488 E	88.08	21
22	44.08	34.38	28.88	76.08	408	248	141	171	87.8	158	318 E	148 B	22
23	43.88	34.18	28.08	84.08	378	248	134	228	78.3	143	288 E	208 B	23
24	44.28	34.08	28.88	84.08	384	248	128	288	88.8	134	208 E	248 B	24
25	44.38	33.48	28.88	108 B	373	248	118	208	87.8	128	188 E	277 B	25
26	44.48	32.88	28.08	128 B	388	284	118	228	88.8	148	144 E	222 B	26
27	44.38	30.88	28.38	157 A	413	471	103	208	88.4	138	148 E	244 B	27
28	43.88	30.78	28.08	178	401	871	108	187	88.7	148	133 E	238 B	28
29	43.88		27.88	221	403	828	111	171	88.8	133	122 E	188 B	29
30	38.08		28.18	302	488	418	114	188	88.4	128	118 E	182 B	30
31	31.88		28.78		847		118	140		117		134 B	31
TOTAL	1 388.2	836.8	888.4	2 318.8	18 008	18 471	8 371	5 117	2 472.3	3 188.8	5 448.4	4 824.5	TOTAL
MEAN	44.8	33.4	28.3	77.3	581	548	208	185	82.4	103	181	148	MEAN
MAX	51.3	38.8	31.1	302	1 020	847	387	288	138	178	858	277	MAX
MIN	31.8	30.8	27.8	38.8	384	248	103	101	88.8	88.8	83.8	88.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 184
MAXIMUM DAILY, 1 020 ON MAY 8
MINIMUM DAILY, 27.88 ON MAR 29
MAXIMUM INSTANTANEOUS,
1 080 AT 18:13 PST ON MAY 8

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 43 12 N
LONG 121 12 28 W
DRAINAGE AREA, 12 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	130 000	JUL	550 000
FEB	80 800	AUG	442 000
MAR	78 800	SEP	214 000
APR	200 000	OCT	275 000
MAY	1 540 000	NOV	470 000
JUN	1 420 000	DEC	391 000

TOTAL DISCHARGE, 5 800 000 dam³

PINKUT CREEK NEAR TINTAGEL - STATION NO. 08EC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.188	2.158	2.008	2.40	3.38	13.5	2.80E	1.38E	2.44	2.14	2.24	2.28	1
2	2.348	2.088	1.988	2.48	3.29	12.9	2.48E	1.40E	2.37	2.30	2.31	2.17	2
3	2.438	2.038	1.978	2.42	3.44	12.2	2.32E	1.40E	2.35	2.31	2.30	2.11	3
4	2.488	2.008	1.938	2.44	3.84	11.2	2.18E	1.78E	2.34	2.34	2.28	2.21	4
5	2.478	1.978	1.888	2.48	3.79	10.4	2.02E	1.80E	2.29	2.43	2.28	2.36	5
6	2.428	1.948	2.018	2.48	4.02	9.80	1.90E	1.80E	2.24	2.44	2.35	2.36	6
7	2.408	1.918	2.048	2.52	8.30	9.14	1.83E	1.80E	2.25	2.36	2.35	2.37	7
8	2.388	1.888	2.068	2.50	12.1	8.30	1.78E	2.13E	2.29	2.33	2.33	2.48	8
9	2.368	1.888	2.038	2.48	10.8	7.89	1.71E	2.21E	2.25	2.31	2.34	2.42	9
10	2.338	1.888	1.988	2.48	21.5	7.37	1.88E	2.24E	2.25	2.28	2.28	2.34	10
11	2.318	1.878	1.918	2.40	23.5	6.81	1.84E	2.28E	2.21	2.30	2.28	2.28	11
12	2.288	1.858	1.888	2.32	24.8	6.37	1.80E	2.38E	2.20	2.22	2.37	2.38	12
13	2.268	1.858	1.908	2.41	28.2	6.13	1.71E	2.42E	2.13	2.18	2.38	2.38	13
14	2.278	1.858	1.938	2.41	34.7	5.84	1.84E	2.48E	2.11	2.17	2.38	2.34	14
15	2.288	1.858	1.958	2.41	33.8	5.44	1.88E	2.80E	2.11	2.18	2.30	2.32	15
16	2.288	1.858	2.008	2.41	33.7	4.88	1.53E	2.38A	2.11	2.18	2.31	2.37	16
17	2.288	1.858	2.028	2.41	31.9	4.40	1.80E	2.40	2.17	2.18	2.28	2.34	17
18	2.288	1.848	2.038	2.43	31.9	4.18	1.48E	2.42	2.18	2.37	2.30	2.31	18
19	2.278	1.848	2.048	2.88	31.6	3.88	1.48E	2.42	2.20	2.28	2.18	2.30	19
20	2.288	1.848	2.058	2.83	31.8	3.48	1.43E	2.38	2.20	2.33	2.28	2.30	20
21	2.228	1.838	2.078	2.80	30.9	3.27	1.37E	2.47	2.12	2.28	2.28	2.34	21
22	2.188	1.858	2.108	2.83	30.7	3.22	1.34E	2.62	2.11	2.28	2.40	2.34	22
23	2.188	1.858	2.158	2.90	30.6	2.88	1.32E	2.68	2.11	2.34	2.33	2.44B	23
24	2.148	1.918	2.288	2.98	19.7	2.85	1.31E	2.57	2.04	2.24	2.28	2.43B	24
25	2.148	1.948	2.308	3.18	18.8	2.83	1.30E	2.48	2.08	2.27	2.27	2.41B	25
26	2.188	1.878	2.348	3.21	17.7	2.88	1.30E	2.47	2.08	2.27	2.30	2.40	26
27	2.188	2.008	2.388	3.18	17.2	2.44	1.32E	2.47	2.03	2.27	2.28	2.27	27
28	2.228	2.018	2.488	3.13	16.7	2.48	1.31E	2.48	2.02	2.28	2.28	2.38	28
29	2.268		2.61	3.23	16.7	2.58A	1.30E	2.44	2.04	2.30	2.31	2.41	29
30	2.288		2.61	3.38	16.2	2.80E	1.28E	2.44	2.16	2.32	2.27	2.84	30
31	2.228		2.62		14.2		1.26E	2.43		2.32		2.62	31
TOTAL	70.82	53.82	65.40	79.87	508.88	181.78	50.54	70.01	66.38	70.47	68.90	73.01	TOTAL
MEAN	2.28	1.92	2.11	2.67	16.4	6.06	1.63	2.26	2.18	2.27	2.30	2.38	MEAN
MAX	2.48	2.18	2.62	3.38	26.2	13.5	2.80	2.68	2.44	2.44	2.40	2.84	MAX
MIN	2.14	1.83	1.88	2.32	3.29	2.44	1.28	1.38	2.02	2.14	2.18	2.11	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.72
MAXIMUM DAILY, 26.2 ON MAY 13
MINIMUM DAILY, 1.26E ON JUL 31
MAXIMUM INSTANTANEOUS,
26.8 AT 16:36 PST ON MAY 13

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 24 52 N
LONG 126 28 26 W
DRAINAGE AREA, 862 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1988

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 100	JUL	4 370
FEB	4 630	AUG	6 040
MAR	5 650	SEP	5 650
APR	6 910	OCT	6 080
MAY	43 900	NOV	5 950
JUN	15 700	DEC	6 310

TOTAL DISCHARGE, 117 000 dam³

PITMAN RIVER NEAR THE MOUTH - STATION NO. 08CA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.60B	6.88B	6.68B	7.08B	80.0B	211 E	75.2	65.5	31.8	40.5	21.3B	14.3 B	1
2	6.35B	6.80B	6.88B	7.10B	70.0B	200 E	76.8	61.9	31.8	37.4	20.9B	14.4 B	2
3	6.00B	6.80B	6.88B	7.15B	66.8	183 E	91.9	56.5	30.3	35.9	20.7B	14.6 B	3
4	7.80B	6.70B	6.62B	7.20B	95.3	190 E	128	52.6	33.0	38.3	20.5B	14.5 B	4
5	7.00B	6.80B	6.65B	7.20B	118	214 E	110	54.1	33.2	37.3	20.3B	14.5 B	5
6	6.60B	6.60B	6.45B	7.28B	128	210 E	103	53.1	30.8	36.4	20.0B	14.1 B	6
7	6.40B	6.43B	6.30B	7.38B	127	178 E	103	52.4	28.6	34.8	19.6B	13.8 B	7
8	6.30B	6.40B	6.20B	7.38B	138	183 E	92.5	53.4	28.3	34.3	19.6B	12.7 B	8
9	6.25B	6.38B	6.05B	7.30B	144	181 E	84.5	49.8	28.8	34.1	19.5B	11.8 B	9
10	6.20B	6.38B	6.00B	7.38B	127	184 E	80.0	51.7	28.8	36.8	18.3B	11.8 B	10
11	6.23B	6.38B	6.00B	7.48B	107	171 E	78.3	53.2	24.7	34.4	18.0B	11.7 B	11
12	6.25B	6.40B	6.05B	7.65B	91.0	161 E	73.0	51.1	23.7	33.1	14.6B	11.8 B	12
13	6.30B	6.40B	6.10B	7.65B	80.3	197 E	71.4	48.9	23.1	31.4	16.0B	11.8 B	13
14	6.40B	6.40B	6.25B	7.70B	78.7	200 E	78.3	43.5	22.4	30.2	15.6B	12.0 B	14
15	6.45B	6.40B	6.30B	7.75B	89.6	180 E	70.8	45.5	22.3	28.4	16.7B	12.0 B	15
16	6.50B	6.41B	6.38B	7.80B	102	135 B	61.8	48.6	23.1	28.7	17.0B	11.6 B	16
17	6.55B	6.50B	6.38B	7.90B	88.2	102 A	58.6	45.8	22.8	28.5	18.0B	11.6 B	17
18	6.68B	6.68B	6.38B	8.00B	81.3	83.5	65.7	44.8	23.1	28.8	18.0B	11.6 B	18
19	6.80B	6.70B	6.40B	8.10B	78.8	84.8	63.7	43.4	25.6	27.4	17.8B	10.3 B	19
20	6.69B	6.78B	6.45B	8.30B	80.3	97.8	62.9	42.2	31.4	28.4	18.3B	9.70B	20
21	6.78B	6.78B	6.50B	8.30B	79.2	86.4	67.5	45.2	67.1	26.3	18.3B	8.80B	21
22	6.68B	6.60B	6.60B	8.65B	78.4	81.3	76.0	43.8	61.4	26.1	18.1B	10.0 B	22
23	7.15B	6.60B	6.65B	8.73B	78.7	81.1	68.3	44.8	57.7	23.6	18.8B	10.3 B	23
24	7.30B	6.70B	6.70B	9.10B	81.8	87.0	76.7	47.0	54.3	21.1	18.3B	10.5 B	24
25	7.42B	6.68B	6.78B	9.48B	85.4	89.6	88.8	43.9	46.0	23.3	18.0B	10.7 B	25
26	7.48B	6.80B	6.80B	10.0 B	91.8	88.5	80.8	40.7	43.2	23.8	18.0B	10.8 B	26
27	7.45B	6.80B	6.80B	10.5 B	98.4	89.0	68.7	37.7	39.8	19.8	18.7B	10.8 B	27
28	7.40B	6.60B	6.80B	12.0 B	104	88.4	66.6	35.3	36.0	24.1	18.8B	10.7 B	28
29	7.38B		6.80B	15.0 B	125	77.1	62.4	33.8	36.8	22.7	18.0B	10.5 B	29
30	7.25B		6.80B	30.0 B	173	77.8	65.1	31.8	42.8	22.9	16.7B	10.4 B	30
31	7.10B		7.00B		304 A		61.0	30.8		22.1B		10.4 B	31
TOTAL	215.17	184.88	201.08	371.82	3 181.8	4 207.8	2 389.2	1 448.7	1 021.7	813.6	521.0	385.30	TOTAL
MEAN	6.94	6.59	6.48	8.09	102	140	78.1	46.7	34.1	26.5	17.4	11.8	MEAN
MAX	7.60	6.88	7.00	30.0	304	214	128	65.5	67.1	40.5	21.3	14.6	MAX
MIN	6.20	6.38	6.00	7.05	66.8	77.1	55.5	30.8	22.1	18.8	14.7	9.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 40.7
MAXIMUM DAILY, 214E ON JUN 5
MINIMUM DAILY, 6.00B ON MAR 10
MAXIMUM INSTANTANEOUS,
218 ON JUN 5

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 58 58 N
LONG 134 36 48 W
DRAINAGE AREA, 2 730 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 600	JUL	204 000
FEB	15 800	AUG	135 000
MAR	17 400	SEP	88 300
APR	23 600	OCT	78 000
MAY	273 000	NOV	45 000
JUN	364 000	DEC	31 000

TOTAL DISCHARGE, 1 390 000 dam³

PLACE CREEK NEAR BIRKEN - STATION NO. 08MEG19

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	1.17	1.02	2.88	1.50	0.597	---	---	1
2	---	---	---	---	---	1.40	1.01	2.71	1.85	0.476	---	---	2
3	---	---	---	---	---	1.44	1.32	2.18	1.69	0.806	---	---	3
4	---	---	---	---	---	1.42	1.24	2.18	1.77	0.536	---	---	4
5	---	---	---	---	---	1.58	0.941	2.41	1.26	0.648	---	---	5
6	---	---	---	---	---	1.64	0.935	2.56	1.56	0.859	---	---	6
7	---	---	---	---	---	1.58	1.04	2.57	2.05	0.788	---	---	7
8	---	---	---	---	0.433A	1.56	1.11	2.46	1.84	---	---	---	8
9	---	---	---	---	0.436	1.44	1.12	2.21	1.44	---	---	---	9
10	---	---	---	---	0.386	1.33	1.36	1.80	1.31	---	---	---	10
11	---	---	---	---	0.273	1.58	1.83	1.85	1.37	---	---	---	11
12	---	---	---	---	0.1888	1.80	1.72	1.68	1.87	---	---	---	12
13	---	---	---	---	0.1678	2.10	1.94	1.98	1.85	---	---	---	13
14	---	---	---	---	0.2128	2.47	2.05	1.86	1.67	---	---	---	14
15	---	---	---	---	0.283	2.17	2.26	1.63	1.61	---	---	---	15
16	---	---	---	---	0.288	1.63	1.81	2.16	1.08	---	---	---	16
17	---	---	---	---	0.260	1.16	1.87	2.07	0.833	---	---	---	17
18	---	---	---	---	0.212	0.886	1.88	2.31	0.337	---	---	---	18
19	---	---	---	---	0.126	0.898	2.23	2.48	0.321	---	---	---	19
20	---	---	---	---	0.084	0.531	1.98	2.27	0.450	---	---	---	20
21	---	---	---	---	0.080	0.495	1.84	2.71	0.851	---	---	---	21
22	---	---	---	---	0.088	0.701	1.64	2.23	0.894	---	---	---	22
23	---	---	---	---	0.082	1.30	1.48	1.46	1.08	---	---	---	23
24	---	---	---	---	0.088	1.48	1.86	1.68	1.16	---	---	---	24
25	---	---	---	---	0.083	1.83	1.76	1.76	1.28	---	---	---	25
26	---	---	---	---	0.080	1.72	1.98	1.80	1.32	---	---	---	26
27	---	---	---	---	0.084	1.21	2.11	1.84	1.30	---	---	---	27
28	---	---	---	---	0.078	0.811	1.86	1.80	1.28	---	---	---	28
29	---		---	---	0.127	0.670	1.81	1.83	1.28	---	---	---	29
30	---		---	---	0.328	0.800	2.20	1.84	1.11	---	---	---	30
31	---		---		0.747		2.77	1.86		---		---	31
TOTAL	---	---	---	---	---	40.382	51.858	63.78	37.845	---	---	---	TOTAL
MEAN	---	---	---	---	---	1.36	1.67	2.06	1.26	---	---	---	MEAN
MAX	---	---	---	---	---	2.47	2.77	2.71	2.05	---	---	---	MAX
MIN	---	---	---	---	---	0.485	0.935	1.46	0.321	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 2.77 ON JUL 31

MAXIMUM INSTANTANEOUS,
3.47 AT 17:55 PST ON AUG 7

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 28 10 N
LONG 122 38 39 W
DRAINAGE AREA, 7.25 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	4 480
FEB	---	AUG	5 610
MAR	---	SEP	3 290
APR	---	OCT	---
MAY	---	NOV	---
JUN	3 490	DEC	---

PDUCE COUPE RIVER BELOW HENDERSON CREEK - STATION NO 07FD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2308	0.0218	0.0118	0.0648	1.32 E	2.79	0.288	0.388	3.58	7.88	1.448	1.20 B	1
2	0.2338	0.0108	0.0158	0.0638	1.53 E	2.31	0.788	0.228	2.40	8.24	1.448	1.21 B	2
3	0.2608	0.0088	0.0208	0.1008	1.34 E	1.88	0.833	0.318	2.28	4.38	1.488	1.21 B	3
4	0.2328	0.0118	0.0218	0.1438	1.35 E	1.80	0.373	0.374	2.38	3.85	1.448	1.18 B	4
5	0.2088	0.0318	0.0178	0.1958	1.38 E	1.28	0.384	0.382	2.28	3.84	1.428	1.14 B	5
6	0.1108	0.0328	0.0188	0.2388	1.38 E	1.01	0.380	0.231	2.21	3.28	1.388	1.05 B	6
7	0.0408	0.0388	0.0218	0.2818	1.40 E	0.888	0.344	0.236	2.19	2.78	1.388	1.00 B	7
8	0.0308	0.0888	0.0188	0.3618	1.43 A	0.802	0.387	0.2388	2.11	2.52	1.358	0.8318	8
9	0.0388	0.0828	0.0188	0.4038	1.52	1.38	0.482	0.2488	1.83	2.38	1.308	0.8808	9
10	0.0708	0.0588	0.0188	0.5108	1.81	1.38	0.830	0.2708	1.85	2.22	1.288	0.8408	10
11	0.1308	0.0808	0.0208	0.6318	1.01	0.885	0.784	0.3448	2.11	2.18	1.218	0.8818	11
12	0.1388	0.0678	0.0268	0.7838	0.894	0.784	0.828	0.8818	2.02	2.86	1.178	0.8738	12
13	0.1158	0.0608	0.0248	0.8048	0.883	0.674	0.388	0.8718	1.88	3.26	1.138	0.8948	13
14	0.0808	0.0608	0.0308	1.08 B	0.802	0.508	0.380	1.48 B	2.13	3.08	1.128	0.8328	14
15	0.0608	0.0308	0.0328	1.28 B	0.788	0.828	0.288	2.08 B	1.87	3.14	1.138	0.8708	15
16	0.0788	0.0388	0.0288	1.38 B	0.868	0.443	0.380	2.42 E	1.87	2.87	1.138	0.8608	16
17	0.0838	0.0328	0.0208	1.42 B	0.838	0.438	0.280	2.48 E	1.87	2.38	1.188	0.8248	17
18	0.0728	0.0368	0.0188	1.38 B	0.828	0.378	0.402	2.88 E	2.08	2.80	1.188	0.8808	18
19	0.1208	0.0488	0.0208	1.28 B	0.801	0.281	0.372	3.07	2.08	2.37	1.208	0.7838	19
20	0.0808	0.0588	0.0238	1.17 B	0.873	0.278	0.283	3.04	2.18	2.04	1.218	0.8488	20
21	0.0678	0.0478	0.0428	1.14 B	3.80	0.300	0.281	3.18	2.18	2.01	1.308	0.8718	21
22	0.0708	0.0358	0.0778	1.13 B	3.80	0.173	0.307	3.02	2.08	2.02	1.168	0.8608	22
23	0.0488	0.0288	0.0808	1.14 B	5.38	0.237	0.182	2.82	2.07	2.17	1.118	0.8648	23
24	0.0708	0.0238	0.0588	1.17 B	6.33	0.302	0.178	3.03	1.78	2.32	1.088	0.8888	24
25	0.1308	0.0308	0.0308	1.23 B	6.87	0.180	0.185	3.22	2.17	1.88	1.098	0.8808	25
26	0.1808	0.0388	0.0068	1.27 B	7.83	0.180	0.268	2.88	2.07	1.78	1.108	0.7838	26
27	0.1108	0.0188	0.0068	1.28 B	8.82	0.281	0.288	2.88	2.10	1.88	1.118	0.7838	27
28	0.0808	0.0148	0.0178	1.30 E	6.81	0.822	0.383	2.84	2.21	1.838	1.138	0.8008	28
29	0.0098		0.0238	1.30 E	6.42	0.321	0.448	2.71	2.37	1.868	1.178	0.7838	29
30	0.0118		0.0278	1.31 E	5.78	0.247	0.284	2.74	2.48	1.518	1.188	0.7588	30
31	0.0188		0.0388		3.18		0.332	2.78		1.488		0.7248	31
TOTAL	3.188	0.882	0.821	25.878	81.883	32.881	11.387	84.134	65.04	84.43	38.83	28.834	TOTAL
MEAN	0.103	0.026	0.026	0.883	2.64	0.788	0.368	1.76	2.17	2.72	1.22	0.888	MEAN
MAX	0.280	0.087	0.080	1.42	6.87	2.79	0.788	3.22	3.48	7.88	1.48	1.21	MAX
MIN	0.008	0.008	0.008	0.044	0.801	0.180	0.182	0.228	1.78	1.48	1.08	0.880	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.16
MAXIMUM DAILY, 8.87 ON MAY 26
MINIMUM DAILY, 0.0088 ON MAR 28
MAXIMUM INSTANTANEOUS,
8.87 AT 12:32 PST ON MAY 26

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 51 53 N
LONG 120 01 46 W
DRAINAGE AREA, 2 880 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	278	JUL	988
FEB	85.7	AUG	4 880
MAR	70.8	SEP	5 830
APR	2 240	OCT	7 280
MAY	7 080	NOV	3 180
JUN	1 880	DEC	2 530

TOTAL DISCHARGE, 35 800 dam³

PREMIER CREEK NEAR QUEEN CHARLOTTE - STATION NO. 08DA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.013E	0.028E	0.008	0.044	0.004	0.002	0.001	0.001	0.001	0.001	0.008	0.078	1
2	0.011E	0.021E	0.008	0.057	0.004	0.002	0.001	0.001	0.001	0.001	0.028	0.100	2
3	0.010E	0.018A	0.006	0.028	0.004	0.001	0.001	0.001	0.001	0.001	0.029	0.068	3
4	0.015E	0.013	0.008	0.028	0.003	0.001	0.001	0.001	0.001	0.002	0.013	0.106	4
5	0.012E	0.012	0.011	0.023	0.003	0.001	0.001	0.001	0.001	0.002	0.011	0.083	5
6	0.010E	0.010	0.008	0.020	0.003	0.001	0.001	0.001	0.001	0.002	0.018	0.047E	6
7	0.010E	0.010A	0.008	0.018	0.003	0.001	0.001	0.001	0.001	0.008	0.044	0.047E	7
8	0.008E	0.008	0.006	0.017	0.003	0.001	0.001	0.001	0.001	0.007	0.040	0.037E	8
9	0.010E	0.008A	0.007	0.015	0.003	0.001	0.001A	0.001	0.001	0.018	0.045	0.031E	9
10	0.010E	0.008	0.006	0.014	0.003	0.001	0.001E	0.001	0.001	0.013	0.022	0.027E	10
11	0.024E	0.007	0.007	0.013	0.003	0.001	0.001E	0.001	0.001	0.021	0.017	0.028E	11
12	0.070E	0.007	0.021	0.012	0.002	0.001	0.001E	0.001	0.001	0.011	0.018	0.023E	12
13	0.019E	0.007	0.015	0.011	0.002	0.002	0.001E	0.001	0.001	0.008	0.028	0.020E	13
14	0.015E	0.008	0.010	0.010	0.002	0.002	0.001E	0.001	0.001	0.004	0.020	0.018E	14
15	0.018E	0.006	0.009	0.009	0.002	0.002	0.001E	0.001	0.001	0.003	0.041	0.017E	15
16	0.085E	0.006	0.008	0.008	0.002	0.002	0.001E	0.001	0.001	0.003	0.027	0.018Z	16
17	0.041E	0.005	0.006	0.007	0.002	0.003	0.001A	0.001	0.001	0.006	0.027	0.014E	17
18	0.038E	0.005	0.006	0.006	0.002	0.004	0.001	0.001	0.001	0.014	0.074	0.013E	18
19	0.188E	0.005	0.006	0.011	0.002	0.005	0.001A	0.001	0.001	0.026	0.033	0.013E	19
20	0.088E	0.005	0.008	0.017	0.002	0.004	0.001	0.001	0.001	0.010	0.024	0.012E	20
21	0.045E	0.020	0.014	0.018	0.002	0.014	0.001	0.001	0.001	0.007	0.021	0.023E	21
22	0.035E	0.013	0.015	0.009	0.002	0.004	0.001	0.001	0.001	0.017	0.026	0.037E	22
23	0.028E	0.011	0.012	0.007	0.002	0.004	0.001	0.001	0.001	0.011	0.028	0.088E	23
24	0.024E	0.011	0.010	0.006	0.002	0.003	0.001	0.001	0.001	0.008	0.022	0.113	24
25	0.045E	0.008	0.008	0.008	0.002	0.002	0.001	0.001	0.001	0.015	0.018	0.089	25
26	0.102E	0.007	0.010	0.005	0.005	0.002	0.001	0.001	0.001	0.006	0.018	0.052E	26
27	0.064E	0.006	0.018	0.005	0.003	0.002	0.001	0.001	0.001	0.006	0.113	0.045E	27
28	0.178E	0.007	0.025	0.005	0.002	0.002	0.001	0.001	0.001	0.008	0.085	0.045E	28
29	0.057E		0.015	0.004	0.002	0.001	0.001	0.001	0.001	0.040	0.151	0.045E	29
30	0.040E		0.015	0.004	0.002	0.001	0.001	0.001	0.001	0.011	0.051	0.057E	30
31	0.030E		0.023		0.002		0.001	0.001		0.007		0.058E	31
TOTAL	1.340	0.277	0.343	0.438	0.088	0.078	0.031	0.031	0.030	0.295	1.132	1.428	TOTAL
MEAN	0.043	0.010	0.011	0.015	0.003	0.003	0.001	0.001	0.001	0.010	0.038	0.046	MEAN
MAX	0.178	0.028	0.025	0.057	0.005	0.014	0.001	0.001	0.001	0.040	0.151	0.113	MAX
MIN	0.008	0.005	0.006	0.004	0.002	0.001	0.001	0.001	0.001	0.001	0.008	0.012	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.015
MAXIMUM DAILY, 0.178E ON JAN 28
MINIMUM DAILY, 0.001 ON JUN 3
MAXIMUM INSTANTANEOUS,
0.368 AT 13:43 PST ON JAN 19

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 15 30 N
LONG 132 04 00 W

A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	115	JUL	2.68
FEB	23.9	AUG	2.68
MAR	29.6	SEP	2.58
APR	37.9	OCT	25.5
MAY	8.81	NOV	97.6
JUN	8.48	DEC	123

TOTAL DISCHARGE, 475 dam³

PROPHET RIVER ABOVE CHEVES CREEK - STATION NO. 10CD006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.0 B	5.10B	5.69B	4.00B	83.0E	229E	185	132	130 B	84.2	23.1B	20.1B	1
2	13.0 B	5.30B	5.63B	3.70B	85.0E	258Z	171	131	126 E	86.5	22.7B	20.2B	2
3	13.5 B	5.70B	5.10B	3.80B	103 E	208E	168	128	125 E	80.6	23.3B	20.1B	3
4	13.2 B	6.00B	3.90B	4.00B	113 E	230E	205	126	115 E	77.6	23.7B	19.6B	4
5	11.2 B	5.70B	2.70B	4.20B	124 E	263E	224	121	105 E	77.4	23.6B	19.5B	5
6	9.00B	4.50B	2.60B	5.00B	140 E	315E	186	115	94.0E	75.2	22.3B	19.0B	6
7	8.30B	4.40B	3.90B	6.50B	159 E	280E	169	128	83.0E	70.0	22.2B	18.7B	7
8	7.40B	4.60B	3.60B	6.00B	174 E	260E	150	147	72.1A	65.6	22.3B	17.8B	8
9	7.00B	5.00B	3.00B	6.30B	186 E	344E	178	307	70.6	63.6	21.6B	17.5B	9
10	7.80B	6.00B	1.90B	6.80B	230 E	304E	186	335	65.7	59.6	21.3B	17.0B	10
11	9.30B	7.00B	1.60B	7.10B	211 E	265E	184	588	62.1	56.6	20.6B	16.7B	11
12	10.2 B	6.80B	2.10B	8.00B	187 E	227E	161	645	59.6	53.9	20.6B	16.5B	12
13	10.3 B	8.10B	3.00B	9.00B	163 E	204E	128	472	58.2	51.6	20.2B	16.4B	13
14	9.60B	4.30B	2.70B	8.80B	152 E	198E	118	383	57.1	50.5	20.2B	16.2B	14
15	9.30B	4.00B	3.20B	10.5 B	137 E	168E	113	364A	55.9	48.9	20.3B	16.1B	15
16	8.50B	4.30B	1.70B	12.0 B	145 E	178E	111	334E	55.5	48.8	20.5B	15.7B	16
17	8.30B	4.60B	1.60B	14.3 B	180 E	160E	103	430E	55.9	48.7	21.2B	14.9B	17
18	8.10B	5.20B	2.00B	17.5 B	138 E	132E	111	400E	53.1	41.7	22.2B	13.8B	18
19	8.00B	5.70B	2.30B	19.5 B	123 A	158E	141	375E	51.6	43.2	22.4B	13.0B	19
20	7.98B	6.00B	3.70B	20.6 B	113	165E	148	330E	50.4	42.1	22.5B	12.5B	20
21	7.80B	6.20B	3.20B	22.3 B	152	264E	132	280E	50.3	40.6	23.6B	12.0B	21
22	6.50B	7.00B	3.60B	25.0 B	187	237E	117	275E	56.2	41.6	23.0B	11.9B	22
23	6.60B	7.60B	3.50B	27.5 B	216	220E	108	273E	56.7	40.7	21.3B	11.6B	23
24	6.00B	7.20B	3.00B	33.0 B	224	208A	98.7	270E	72.6	38.3	20.6B	11.9B	24
25	7.30B	7.70B	2.60B	39.0 B	207	196	95.3	264E	68.4	36.2	20.0B	12.6B	25
26	7.50B	8.00B	3.10B	46.0 B	210 A	203	84.8	233E	62.8	33.5B	20.1B	13.0B	26
27	7.00B	7.80B	3.30B	55.0 B	253 E	283	84.7	213E	56.8	32.0	19.7B	13.2B	27
28	6.10B	7.20B	3.80B	67.0 B	230 E	260	105	180E	55.4	28.9	19.5B	13.3B	28
29	5.30B		3.50B	77.0 B	180 E	215	128	172E	55.5	24.3	19.8B	13.0B	29
30	4.60B		3.60B	81.0 B	200 E	193	143	163E	76.8	23.2B	20.0B	13.4B	30
31	4.80B		4.10B		216 E		141	140E		23.7B		12.2B	31
TOTAL	260.18	164.70	93.31	649.00	5 262.0	5 668	4 390.3	8 348	2 176.3	1 578.9	643.8	476.7	TOTAL
MEAN	8.39	5.88	3.07	21.6	170	229	142	289	72.5	51.0	21.5	15.4	MEAN
MAX	13.5	8.00	5.69	81.0	383	344	224	645	130	84.2	23.7	20.2	MAX
MIN	4.60	4.00	1.70	3.70	83.0	122	84.8	115	50.3	23.2	19.5	11.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 84.7
MAXIMUM DAILY, 645 ON AUG 13
MINIMUM DAILY, 1.70B ON MAR 16
MAXIMUM INSTANTANEOUS,
778 AT 22:34 PST ON AUG 11

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 28 02 N
LONG 132 49 47 W
DRAINAGE AREA, 7 320 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	32 500	JUL	379 000
FEB	14 200	AUG	721 000
MAR	7 870	SEP	188 000
APR	56 100	OCT	137 000
MAY	486 000	NOV	55 500
JUN	593 000	DEC	41 400

TOTAL DISCHARGE, 2 670 000 dam³

PROSPECT LAKE IN SA[illegible]N - STATION NO. 08HA063

DAILY WATER LEV[illegible]N METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.695	1.604	1.633	1.560	1.440	1.333	---	---	---	1
2	---	---	---	1.695	1.610	1.633	1.560	1.437	1.331	---	---	---	2
3	---	---	---	1.695	1.610	1.633	1.558	1.432	1.328	---	---	---	3
4	---	---	---	1.715	1.612	1.632	1.550	1.432	1.326	---	---	---	4
5	---	---	---	1.815	1.615	1.630	1.550	1.429	1.321	---	---	---	5
6	---	---	---	1.845	1.622	1.626	1.548	1.422	1.316	---	---	---	6
7	---	---	---	1.840	1.634	1.625	1.544	1.418	1.313	---	---	---	7
8	---	---	---	1.815	1.631	1.622	1.538	1.417	1.310	---	---	---	8
9	---	---	---	1.790	1.628	1.618	1.537	1.415	1.306	---	---	---	9
10	---	---	---	1.770	1.623	1.615	1.533	1.411	1.301	---	---	---	10
11	---	---	---	1.750	1.621	1.613	1.531	1.388	1.298	---	---	---	11
12	---	---	---	1.730	1.624	1.610	1.527	1.384	1.293	---	---	---	12
13	---	---	---	1.720	1.632	1.608	1.528	1.388	1.291	---	---	---	13
14	---	---	---	1.710	1.622	1.601	1.520	1.388	1.291	---	---	---	14
15	---	---	---	1.700	1.622	1.598	1.518	1.383	1.290	---	---	---	15
16	---	---	---	1.690	1.620	1.595	1.513	1.388	1.288	---	---	---	16
17	---	---	---	1.680	1.626	1.590	1.510	1.383	1.281	---	---	---	17
18	---	---	---	1.665	1.623	1.590	1.510	1.380	1.278	---	---	---	18
19	---	---	---	1.655	1.620	1.588	1.508	1.378	1.278	---	---	---	19
20	---	---	---	1.640	1.618	1.585	1.500	1.373	1.273	---	---	---	20
21	---	---	---	1.630	1.618	1.581	1.497	1.375	1.271	---	---	---	21
22	---	---	---	1.620	1.616	1.580	1.494	1.378	1.269	---	---	---	22
23	---	---	---	1.600	1.614	1.578	1.487	1.374	1.267	---	---	---	23
24	---	---	---	1.590	1.614	1.574	1.484	1.368	1.264	---	---	---	24
25	---	---	---	1.590	1.612	1.572	1.478	1.363	1.260	---	---	---	25
26	---	---	---	1.590	1.612	1.567	1.472	1.358	1.258	---	---	---	26
27	---	---	---	1.600	1.617	1.562	1.465	1.354	1.258	---	---	---	27
28	---	---	1.718	1.603	1.638	1.554	1.480	1.351	1.256	---	---	---	28
29	---	---	---	1.601	1.636	1.550	1.463	1.347	1.257	---	---	---	29
30	---		---	1.600	1.636	1.558	1.480	1.342	1.254	---	---	---	30
31	---		---		1.633		1.444	1.338		---		---	31
MEAN	---	---	---	1.686	1.621	1.586	1.510	1.388	1.288	---	---	---	MEAN
MAX	---	---	---	1.845	1.636	1.633	1.560	1.440	1.333	---	---	---	MAX
MIN	---	---	---	1.590	1.604	1.558	1.444	1.338	1.254	---	---	---	MIN

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 30 55 N
LONG 123 28 38 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

PUNTLEDGE RIVER AT COURTENAY - STATION NO. 08HB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	31.2	31.4	24.7	28.0	46.2	41.8	33.8	18.4	15.4	19.4	20.8	32.5	1
2	31.6	26.8	23.8	26.7	45.5	47.1	35.4	19.4	15.7	17.0	20.2	84.6	2
3	36.5	26.0	23.4	24.8	45.8	57.7	45.3	19.0	15.7	18.8	21.1	73.0	3
4	35.8	23.8	23.1	24.2	47.3	60.5	43.1	18.4	15.2	20.7	31.8	188	4
5	33.5	24.0	24.5	25.2	51.0	48.5	38.5	18.1	15.3	20.5	32.0	111	5
6	32.3	23.3	24.7	24.5	50.5	42.8	37.5	17.8	15.6	20.5	31.4	44.7	6
7	31.5	22.8	24.2	24.3	51.2	47.2	38.5	18.3	15.7	20.4	31.6	57.6	7
8	31.3	23.5	24.8	30.3	57.5	48.8	40.5	18.1	15.8	20.3	32.9	68.4	8
9	31.0	23.1	24.3	28.4	55.5	44.4	38.1	18.0	15.8	20.1	44.3	53.1	9
10	31.0	23.1	26.8	28.3	52.9	40.1	35.3	17.8	15.6	20.3	42.1	39.3	10
11	30.8	22.8	35.8	33.8	57.8	37.5	27.4	17.4	15.8	20.1	38.8	38.8	11
12	32.6	22.8	38.0	38.6	48.2	37.5	25.0	17.8	15.5	17.2	33.6	38.2	12
13	33.7	22.8	30.4	42.5	38.6	37.6	18.0	17.5	15.2	13.8	32.6	38.2	13
14	31.8	22.9	28.1	48.0	38.5	37.6	18.7	18.2	15.5	15.1	32.1	38.5	14
15	31.4	22.7	27.1	47.8	38.3	37.2	18.3	18.2	15.1	15.4	31.8	38.2	15
16	33.3	22.7	26.5	41.5	31.7	37.1	19.4	17.8	15.8	15.4	31.4	34.8	16
17	33.4	22.4	28.9	39.6	29.9	36.8	21.1	18.4	15.5	16.4	31.8	34.7	17
18	32.7	22.8	32.9	38.7	33.5	30.8	20.0	18.1	15.7	16.4	31.7	34.5	18
19	32.2	22.8	32.7	47.8	38.0	27.4	19.4	18.7	15.8	16.0	33.8	34.4	19
20	32.0	22.7	32.4	62.5	31.9	27.2	18.9	15.5	15.5	25.8	36.8	34.3	20
21	31.8	23.2	32.7	51.1	28.0	26.8	18.9	15.5	15.0	39.5	35.2	34.8	21
22	31.2	22.5	33.1	41.8	26.7	26.5	18.5	15.5	15.1	32.8	30.8	34.5	22
23	30.6	31.2	29.2	40.8	30.1	25.9	18.2	15.5	15.2	83.8	36.5	34.9	23
24	30.7	28.5	25.2	39.8	31.2	26.1	18.1	15.2	15.5	42.6	33.5	34.2	24
25	30.4	26.2	24.4	41.2	28.3	26.8	18.7	15.4	16.5	35.0	32.8	34.4	25
26	30.9	25.4	24.4	42.0	31.6	26.3	18.2	15.2	15.7	48.2	33.3	34.2	26
27	31.1	25.0	25.2	41.0	31.7	30.6	18.1	15.0	15.4	29.2	32.7	31.0	27
28	31.0	24.8	26.4	41.7	31.0	18.9	18.1	15.1	15.8	22.6	34.0	34.7	28
29	32.1		25.5	45.4	32.6	18.1	17.7	15.3	15.8	21.0	37.1	34.2	29
30	44.1		25.5	46.8	33.2	26.7	17.7	15.6	15.4	20.1	33.8	34.4	30
31	43.9		26.8		34.8		17.8	15.4		19.4		35.4	31
TOTAL	1 018.0	688.8	852.5	1 174.8	1 283.5	1 074.1	784.4	522.3	474.4	787.2	998.8	1 445.1	TOTAL
MEAN	32.8	24.8	27.5	39.2	40.4	35.8	25.3	16.8	15.8	24.4	32.3	46.6	MEAN
MAX	44.1	32.5	38.0	62.5	57.5	57.7	45.3	19.8	16.1	83.8	44.3	188	MAX
MIN	30.4	22.4	23.1	24.2	26.7	18.1	17.7	15.0	15.0	13.8	20.8	31.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.3
MAXIMUM DAILY, 188 ON DEC 4
MINIMUM DAILY, 13.8 ON OCT 13
MAXIMUM INSTANTANEOUS,
188 AT 17:48 PST ON DEC 4

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 17 N
LONG 125 01 57 W
DRAINAGE AREA, 883 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	88 000	JUL	67 800
FEB	59 800	AUG	45 100
MAR	73 700	SEP	41 000
APR	101 000	OCT	68 400
MAY	108 000	NOV	86 300
JUN	92 800	DEC	125 000

TOTAL DISCHARGE, 984 000 dam³

PUNTZI CREEK ABOVE PUNTZI LAKE - STATION NO. 08HB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.118	0.138	0.088	0.088	0.074	0.048E	0.085	---	1
2	---	---	---	---	0.138	0.122	0.029	0.082E	0.073E	0.085	0.083E	---	2
3	---	---	---	---	0.138	0.112	0.074	0.049	0.072E	0.057E	0.091	---	3
4	---	---	---	---	0.052	0.088	0.045	0.044E	0.071	0.048	0.090E	---	4
5	---	---	---	---	0.018	0.118	0.029	0.039	0.070E	0.034E	0.088E	---	5
6	---	---	---	---	0.025	0.128	0.122	0.040E	0.140	0.018	0.088	---	6
7	---	---	---	---	0.015	0.085	0.045	0.042	0.131E	0.021E	0.088E	---	7
8	---	---	---	---	0.011	0.081	0.034	0.047E	0.122	0.023E	0.088	---	8
9	---	---	---	---	0.078	0.088	0.085	0.053	0.101E	0.025	0.091F	---	9
10	---	---	---	---	0.031	0.088	0.042	0.053E	0.079E	0.024E	0.085	---	10
11	---	---	---	---	0.013	0.085	0.105	0.055	0.058	0.023	0.090E	---	11
12	---	---	---	---	0.138	0.140	0.112	0.052E	0.048E	0.025E	0.085E	---	12
13	---	---	---	---	0.148	0.088	0.034	0.049E	0.038	0.027	0.080E	---	13
14	---	---	---	---	0.188	0.045	0.023	0.045	0.034E	0.027E	0.078E	---	14
15	---	---	---	---	0.147	0.052	0.078	0.060E	0.028	0.027E	0.070E	---	15
16	---	---	---	---	0.144	0.122	0.088	0.091	0.021E	0.028	0.085E	---	16
17	---	---	---	---	0.133	0.112	0.028	0.103E	0.013E	0.035E	---	---	17
18	---	---	---	---	0.128	0.048	0.052	0.118	0.004	0.081	---	---	18
19	---	---	---	---	0.118	0.133	0.074	0.110E	0.004E	0.058E	---	---	19
20	---	---	---	---	0.108	0.102	0.091	0.100E	0.005	0.058	---	---	20
21	---	---	---	0.074	0.105	0.102	0.081	0.088	0.008E	0.081E	---	---	21
22	---	---	---	0.088	0.088	0.122	0.140	0.085E	0.008E	0.084E	---	---	22
23	---	---	---	0.042	0.122	0.088	0.074	0.105	0.010	0.088	---	---	23
24	---	---	---	0.048	0.185	0.118	0.028	0.088E	0.010E	0.090E	---	---	24
25	---	---	---	0.038	0.136	0.088	0.088	0.088	0.011	0.112	---	---	25
26	---	---	---	0.038	0.138	0.144	0.027	0.074E	0.014E	0.110E	---	---	26
27	---	---	---	0.038	0.108	0.118	0.014	0.081	0.080	0.108	---	---	27
28	---	---	---	0.038	0.082	0.085	0.085	0.038	0.044E	0.108E	---	---	28
29	---		---	0.042	0.108	0.122	0.085	0.030E	0.038	0.104E	---	---	29
30	---		---	0.042	0.138	0.158	0.068	0.095	0.025E	0.102	---	---	30
31	---		---		0.188		0.071	0.084E		0.098E		---	31
TOTAL	---	---	---	---	3.215	3.128	1.908	2.131	1.405	1.758	---	---	TOTAL
MEAN	---	---	---	---	0.104	0.104	0.062	0.088	0.047	0.057	---	---	MEAN
MAX	---	---	---	---	0.188	0.158	0.140	0.118	0.140	0.112	---	---	MAX
MIN	---	---	---	---	0.011	0.045	0.014	0.030	0.004	0.018	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.188 ON MAY 14

DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 12 38 N
LONG 124 04 08 W
DRAINAGE AREA, 808 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1988

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	185
FEB	---	AUG	184
MAR	---	SEP	121
APR	---	OCT	182
MAY	278	NOV	---
JUN	270	DEC	---

QUALITY CREEK NEAR THE MOUTH - STATION NO. 07FB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.024B	0.001B	0.001B	0.004B	1.08	0.242	0.423	0.102	0.218	0.081	0.007	0.001B	1
2	0.024B	0.002B	0.001B	0.003B	0.837	0.188	0.348	0.094	0.193	0.088	0.007B	0.028B	2
3	0.023B	0.002B	0.002B	0.003B	0.636	0.167	0.284	0.264	0.168	0.084	0.007B	0.085B	3
4	0.021B	0.002B	0.001B	0.003B	0.724	0.148	0.216	0.231	0.145	0.083	0.011B	0.103B	4
5	0.018B	0.002B	0.001B	0.004B	0.816	0.131	0.171	0.128	0.244	0.087	0.012B	0.088B	5
6	0.014B	0.003B	0.002B	0.006B	0.588	0.134	0.152	0.094	0.343	0.084	0.012B	0.060B	6
7	0.014B	0.002B	0.003B	0.007B	0.507	0.118	0.178	0.078	0.440	0.048	0.011B	0.031B	7
8	0.015B	0.002B	0.003B	0.008B	0.385	0.112	0.422	0.088	0.408	0.033	0.011B	0.018B	8
9	0.016B	0.003B	0.002B	0.008B	0.316	0.827	0.881	0.067	0.330	0.018	0.012B	0.010B	9
10	0.017B	0.002B	0.002B	0.010B	0.316	1.23	1.19	1.18	0.283	0.011	0.017B	0.008B	10
11	0.018B	0.001B	0.002B	0.011B	0.298	0.808	0.738	0.711	0.207	0.018	0.020B	0.003B	11
12	0.019B	0.001B	0.002B	0.012B	0.217	0.544	0.481	0.422	0.165	0.018	0.018B	0.002B	12
13	0.017B	0.001B	0.003B	0.013B	0.171	0.386	0.384	0.278	0.180	0.004	0.014B	0.021B	13
14	0.016B	0.001B	0.003B	0.015B	0.155	0.307	0.433	0.228	0.154	0.003	0.012B	0.033B	14
15	0.014B	0.001B	0.003B	0.017B	0.143	0.241	0.383	0.862	0.164	0.002	0.013B	0.031B	15
16	0.015B	0.001B	0.002B	0.019B	0.129	0.181	0.427	0.822	0.182	0.001	0.014B	0.022B	16
17	0.015B	0.001B	0.003B	0.022B	0.116	0.158	0.318	0.732	0.211	0	0.010B	0.015B	17
18	0.017B	0.002B	0.003B	0.024B	0.141	0.145	0.229	0.826	0.211	0.002	0.012B	0.010B	18
19	0.015B	0.003B	0.004B	0.027B	0.236	0.136	0.285	0.836	0.215	0.006	0.018B	0.007B	19
20	0.017B	0.004B	0.004B	0.030B	0.371	0.137	0.304	0.837	0.227	0.007	0.025B	0.005B	20
21	0.017B	0.005B	0.004B	0.035B	0.541	0.172	0.202	0.478	0.201	0.004	0.018B	0.003B	21
22	0.015B	0.005B	0.004B	0.046B	0.724	0.161	0.165	0.584	0.204	0.004	0.008B	0.002B	22
23	0.010B	0.006B	0.004B	0.062B	0.958	0.183	0.150	1.40	0.166	0.006	0.005B	0.004B	23
24	0.008B	0.003B	0.005B	0.120B	0.820	0.150	0.234	1.32	0.149	0.006	0.003B	0.020B	24
25	0.011B	0.002B	0.004B	0.180B	0.901	0.135	0.161	0.867	0.138	0.010	0.002B	0.047B	25
26	0.014B	0.002B	0.003B	0.246B	0.783	0.486	0.144	0.713	0.128	0.014	0.001B	0.084B	26
27	0.014B	0.002B	0.004B	0.380B	0.669	1.46	0.124	0.833	0.118	0.017	0.001B	0.088B	27
28	0.010B	0.001B	0.005B	0.520B	0.503	1.32	0.110	0.475	0.113	0.012	0 B	0.080B	28
29	0.007B		0.005B	0.740B	0.413	0.898	0.089	0.412	0.103	0.010	0 B	0.068B	29
30	0.003B		0.006B	1.04	0.380	0.828	0.087	0.381	0.113	0.007	0.001B	0.060B	30
31	0.001B		0.005B		0.301		0.087	0.277		0.008		0.057B	31
TOTAL	0.481	0.084	0.086	3.845	15.352	11.882	9.937	16.136	6.083	0.834	0.303	1.081	TOTAL
MEAN	0.015	0.002	0.003	0.122	0.495	0.399	0.321	0.521	0.202	0.020	0.010	0.034	MEAN
MAX	0.024	0.006	0.006	1.04	1.08	1.46	1.19	1.40	0.440	0.081	0.026	0.103	MAX
MIN	0.001	0.001	0.001	0.003	0.116	0.112	0.087	0.078	0.103	0	0	0.001	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.180
MAXIMUM DAILY, 1.46 ON JUN 27
MINIMUM DAILY, 0 ON OCT 17
MAXIMUM INSTANTANEOUS,
1.58 AT 17:04 PST ON JUN 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 08 45 N
LONG 130 55 24 W
DRAINAGE AREA, 28.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	38.8	JUL	889
FEB	5.83	AUG	1 390
MAR	8.28	SEP	824
APR	316	OCT	54.8
MAY	1 330	NOV	28.2
JUN	1 040	DEC	91.7

TOTAL DISCHARGE, 6 880 dam³

QUESNEL LAKE NEAR LIKELY - STATION NO. 08KH011

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.172	0.108	0.083	0.080	0.628	1.583	1.858	1.214	0.998	0.642	0.380	0.807	1
2	0.187	0.118	0.085	0.082	0.681	1.605	1.852	1.208	0.978	0.635	0.381	0.821	2
3	0.182	0.118	0.071	0.080	0.788	1.647	1.835	1.207	0.953	0.627	0.427	0.814	3
4	0.183	0.118	0.076	0.082	0.826	1.682	1.808	1.205	0.938	0.617	0.448	0.803	4
5	0.178	0.112	0.082	0.047	0.874	1.731	1.781	1.208	0.920	0.607	0.478	0.887	5
6	0.182	0.110	0.073	0.087	0.845	1.788	1.748	1.188	0.908	0.605	0.481	0.888	6
7	0.181	0.114	0.084	0.088	1.028	1.795	1.725	1.178	0.897	0.488	0.515	0.881	7
8	0.184	0.115	0.088	0.058	1.101	1.818	1.704	1.188	0.882	0.477	0.526	0.873	8
9	0.182	0.111	0.088	0.081	1.188	1.850	1.674	1.183	0.884	0.478	0.858	0.888	9
10	0.184	0.118	0.088	0.088	1.273	1.888	1.838	1.141	0.847	0.488	0.878	0.881	10
11	0.188	0.103	0.048	0.087	1.370	1.911	1.828	1.130	0.830	0.483	0.892	0.848	11
12	0.170	0.087	0.054	0.088	1.438	1.937	1.810	1.118	0.818	0.482	0.814	0.841	12
13	0.182	0.088	0.052	0.078	1.478	1.954	1.887	1.111	0.801	0.480	0.828	0.827	13
14	0.188	0.100	0.047	0.080	1.504	2.020	1.898	1.108	0.783	0.438	0.818	0.818	14
15	0.182	0.080	0.087	0.088	1.522	2.078	1.883	1.088	0.781	0.438	0.838	0.818	15
16	0.188	0.081	0.087	0.104	1.842	2.110	1.878	1.084	0.743	0.428	0.838	0.814	16
17	0.184	0.088	0.080	0.131	1.871	2.128	1.870	1.078	0.722	0.444	0.838	0.804	17
18	0.148	0.088	0.043	0.188	1.888	2.110	1.847	1.070	0.708	0.417	0.877	0.887	18
19	0.188	0.088	0.048	0.172	1.888	2.087	1.822	1.058	0.888	0.402	0.858	0.881	19
20	0.188	0.087	0.048	0.208	1.807	2.068	1.484	1.047	0.898	0.384	0.881	0.883	20
21	0.148	0.088	0.081	0.234	1.808	2.041	1.488	1.088	0.880	0.382	0.882	0.880	21
22	0.138	0.087	0.047	0.288	1.888	2.014	1.488	1.078	0.888	0.388	0.882	0.877	22
23	0.128	0.084	0.048	0.334	1.888	1.998	1.421	1.077	0.852	0.388	0.881	0.874	23
24	0.138	0.082	0.082	0.343	1.877	1.977	1.387	1.077	0.838	0.379	0.883	0.883	24
25	0.133	0.078	0.047	0.402	1.885	1.982	1.382	1.072	0.828	0.384	0.848	0.887	25
26	0.131	0.074	0.083	0.437	1.888	1.943	1.388	1.088	0.810	0.388	0.833	0.880	26
27	0.117	0.080	0.083	0.487	1.848	1.937	1.337	1.047	0.807	0.387	0.832	0.841	27
28	0.124	0.072	0.048	0.801	1.837	1.921	1.308	1.030	0.886	0.380	0.828	0.880	28
29	0.131		0.052	0.542	1.833	1.900	1.282	1.022	0.877	0.388	0.818	0.843	29
30	0.118		0.087	0.881	1.834	1.888	1.287	1.008	0.888	0.383	0.887	0.887	30
31	0.104		0.082		1.837		1.248	0.999		0.388		0.880	31
MEAN	0.180	0.098	0.088	0.187	1.348	1.911	1.557	1.107	0.784	0.440	0.884	0.818	MEAN
MAX	0.183	0.118	0.082	0.881	1.807	2.128	1.888	1.214	0.888	0.842	0.877	0.821	MAX
MIN	0.104	0.072	0.042	0.047	0.838	1.883	1.248	0.999	0.888	0.378	0.380	0.441	MIN

WATER LEVELS IN METRES

MEAN, 0.731
MAXIMUM DAILY, 2.128 ON JUN 17
MINIMUM DAILY, 0.042 ON MAR 18
MAXIMUM INSTANTANEOUS,
2.182 AT 18:35 PST ON JUN 17

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 34 50 N
LONG 121 32 00 W

NATURAL FLOW

QUESNEL RIVER AT LIKELY - STATION NO. 08KH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	37.2	30.8	28.3	26.0	81.0	233	282	174	142	77.8	58.0	47.0	1
2	36.7	31.6	26.6	26.2	88.7	241	290	173	138	78.8	58.1	49.0	2
3	36.2	31.4	27.1	26.0	108	249	287	173	135	76.7	63.2	48.0	3
4	36.3	31.6	27.4	26.2	116	266	282	173	133	74.4	66.7	48.2	4
5	37.0	31.2	28.2	24.7	124	286	276	173	131	72.6	69.6	64.2	5
6	36.2	31.0	27.3	25.7	134	274	270	172	128	72.7	71.0	64.1	6
7	36.1	31.4	26.4	25.6	148	278	266	168	126	71.6	74.2	64.7	7
8	36.4	31.5	25.6	25.6	168	284	261	167	126	69.2	76.6	62.2	8
9	36.2	31.1	25.8	25.1	170	290	255	164	123	69.0	80.2	60.1	9
10	36.6	31.6	25.9	25.6	184	297	248	163	121	68.6	83.0	79.1	10
11	36.6	30.3	24.6	26.7	198	302	246	161	118	67.6	84.6	78.2	11
12	37.0	28.7	26.4	26.6	210	307	242	158	116	66.2	86.0	77.7	12
13	36.2	28.6	26.2	27.6	216	313	238	156	114	66.0	89.9	76.6	13
14	34.6	30.0	24.7	28.0	221	324	238	157	112	64.7	88.2	74.7	14
15	35.2	28.0	26.7	28.6	224	337	237	155	108	64.2	91.1	74.2	15
16	36.6	28.1	26.7	30.4	228	344	236	154	108	63.6	91.3	73.6	16
17	36.4	26.6	26.0	33.1	234	344	234	153	103	66.3	91.4	71.3	17
18	34.6	26.6	24.2	36.6	237	344	229	152	101	62.1	88.7	70.6	18
19	36.6	26.6	24.6	37.2	240	338	224	150	99.7	60.4	83.6	68.7	19
20	36.6	26.7	24.6	40.6	241	336	219	149	99.7	60.4	83.1	67.6	20
21	34.6	26.6	26.1	43.4	241	329	216	150	97.2	59.2	83.3	67.2	21
22	33.6	26.7	24.7	46.6	239	323	212	153	96.7	58.6	83.3	66.3	22
23	32.6	29.4	24.6	63.4	237	320	207	153	93.3	58.6	84.6	66.6	23
24	33.6	28.2	66.3	235	315	204	153	91.3	57.6	83.4	87.6	24
25	33.3	27.6	24.7	80.4	233	312	201	152	88.6	58.4	82.3	66.6	25
26	33.1	27.4	26.3	84.6	232	308	197	151	87.4	66.6	80.6	66.0	26
27	31.7	26.0	26.3	86.1	228	307	194	149	86.6	66.7	80.6	64.6	27
28	32.4	27.2	24.6	72.2	227	304	189	148	84.6	66.0	66.6	67.2	28
29	33.1		26.2	77.9	227	300	186	148	82.6	66.7	66.7	66.2	29
30	31.6		26.7	83.4	227	294	183	143	78.7	66.3	66.6	66.8	30
31	30.4		26.2		227		178	142		66.6		66.0	31
TOTAL	1 083.7	833.3	794.4	1 204.6	6 134.7	6 078	7 236	4 885	3 272.4	2 012.6	2 630.7	2 314.3	TOTAL
MEAN	36.0	28.6	26.6	40.3	198	302	233	158	109	64.9	84.0	74.7	MEAN
MAX	36.3	31.6	28.2	83.4	241	344	302	174	142	77.8	88.7	68.0	MAX
MIN	30.4	27.3	24.2	24.7	81.0	233	178	142	78.7	87.8	88.0	64.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 113
MAXIMUM DAILY, 348 ON JUN 17
MINIMUM DAILY, 24.2 ON MAR 18
MAXIMUM INSTANTANEOUS,
356 AT 18:36 PST ON JUN 17

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 36 54 N
LONG 121 34 18 W
DRAINAGE AREA, 8 830 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	93 500	JUL	625 000
FEB	72 000	AUG	432 000
MAR	88 600	SEP	283 000
APR	104 000	OCT	174 000
MAY	530 000	NOV	218 000
JUN	784 000	DEC	200 000

TOTAL DISCHARGE, 3 870 000 dam³

QUESNEL RIVER NEAR QUESNEL - STATION NO. 08KH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	87.0B	86.2B	87.4B	84.7	278	417	508	295	230	145	125	184	1
2	86.7B	83.8B	87.8B	84.7	283	434	512	284	228	141	124	183	2
3	86.8B	82.8B	88.0B	84.7	306	477	511	307	226	141	138	188	3
4	86.5B	82.0B	88.2B	84.9	318	518	508	343	218	140	151	184	4
5	86.9B	81.8B	88.3B	85.1	328	530	493	341	216	138	161	183	5
6	86.4B	81.7B	88.2B	85.3	363	548	478	333	217	138	174	183	6
7	86.5B	81.8B	88.0B	85.3	388	578	487	331	218	132	177	182	7
8	86.8B	81.1B	87.5B	85.3	417	588	448	328	213	128	170	148	8
9	87.0B	80.8B	86.7B	85.6	448	585	444	320	210	125	168	148	9
10	87.2B	80.8B	86.8B	86.0	472	571	438	318	208	121	178	144	10
11	87.7B	80.4B	86.8B	85.9	528	578	431	313	201	121	188	140	11
12	87.8B	80.4B	86.5B	85.4	541	589	418	313	188	120	188	137	12
13	88.0	80.8B	86.3B	777.9	578E	593	428	308	184	120	188	136	13
14	87.7	80.8B	86.0B	84.4	588E	618	434	301	180	119	183	136	14
15	87.7	80.2B	85.0B	91.6	548E	641	444	300	177	118	181	132	15
16	88.2	80.2B	84.0B	98.8	500E	683	448	292	173	118	188	128	16
17	88.5	87.0B	83.0B	102	481	656	443	288	170	116	188	126	17
18	88.2	86.9B	82.8B	108	472	642	440	284	168	116	190	124	18
19	87.8	86.7B	82.2B	114	478	624	428	278	166	118	191	122	19
20	87.4	86.7B	82.0B	186	448	589	414	278	163	118	193	123	20
21	87.2	86.8B	81.8B	171	444	582	400	274	162	117	193	123	21
22	86.4	86.8B	81.7B	178	440	547	387	278	161	117	188	121	22
23	86.7	87.4B	81.8B	186	418	520	370	285	158	121	186	121	23
24	84.2	87.7B	82.0B	194	411	517	358	288	157	123	185	120	24
25	83.0	87.8B	83.0B	199	401	514	353	277	155	125	180	120	25
26	82.2	87.7B	84.0B	201	401	512	338	270	155	127	178	120	26
27	82.5	87.5B	84.7	204	387	511	324	262	153	128	188	121	27
28	84.2	87.3B	84.7	215	388	512	322	248	152	126	187	121	28
29	87.1		84.1	228	387	518	320	247	152	127	188	121	29
30	87.9		84.1	259	387	518	310	240	148	127	188	120	30
31	88.4B		84.5		400		301	234		128		120	31
TOTAL	2 686.2	1 692.3	1 706.7	3 851.7	13 186	18 845	12 822	9 084	5 507	3 901	5 256	4 189	TOTAL
MEAN	86.7	58.4	55.1	118	435	655	417	292	184	126	175	134	MEAN
MAX	88.2	88.2	88.3	259	578	683	512	343	230	145	198	184	MAX
MIN	82.2	86.7	81.8	84.7	278	417	301	234	148	118	124	120	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 218
MAXIMUM DAILY, 683 ON JUN 18
MINIMUM DAILY, 81.8B ON MAR 23

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 50 37 N
LONG 122 13 28 W
DRAINAGE AREA, 11 500 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	178 000	JUL 1 120 000	
FEB	144 000	AUG 782 000	
MAR	147 000	SEP 478 000	
APR	307 000	OCT 337 000	
MAY 1 140 000		NOV 484 000	
JUN 1 440 000		DEC 380 000	

TOTAL DISCHARGE, 8 890 000 dam³

QUINSAM RIVER NEAR CAMPBELL RIVER - STATION NO. 08HD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.38	25.0	7.28	8.78	5.24	3.70	2.72	2.56	2.92	3.18	4.48	7.71	1
2	7.93	22.3	6.71	8.08	5.25	3.85	2.73	2.59	3.26	3.18	4.12	10.1	2
3	10.7	17.4 E	6.04	7.62	5.17	3.53	2.82	2.61	3.48	3.16	5.11	21.3	3
4	11.1	14.5 E	5.84	7.61	4.93	3.30	2.98	2.83	3.88	3.06	6.80	37.8	4
5	10.7	12.8 E	6.67	8.30	4.84	3.13	3.00	2.83	3.82	3.06	8.78	46.5	5
6	9.51	10.9 E	7.78	13.8	5.13	3.13	3.01	2.47	3.80	3.16	8.72	43.0	6
7	8.38	10.0 E	7.48	16.5	5.11	3.01	2.94	2.41	3.78	3.17	8.38	37.7	7
8	7.83	9.00E	7.60	17.0	4.83	2.91	2.92	2.37	3.78	3.13	8.66	31.2	8
9	7.01	7.82E	7.51	14.5	4.54	2.84	2.90	2.31	3.73	3.18	10.1	25.9	9
10	6.42	8.05E	7.43	11.3	4.24	2.75	2.84	2.30	3.67	3.23	18.0	20.5	10
11	5.81	8.18E	12.4	9.83	4.00	2.68	2.68	2.39	3.34	3.25	18.0	15.7	11
12	5.89	8.48E	22.7	8.81	3.80	2.66	2.72	2.40	3.21	3.27	14.7	11.8	12
13	5.67	9.08E	26.4	8.02	3.82	2.84	2.84	2.44	3.11	3.33	11.4	9.33	13
14	5.67	8.52E	24.4	7.87	3.52	2.82	2.89	2.88	3.07	3.27	9.18	7.86	14
15	5.54	8.38E	19.5	8.42	3.43	2.80	2.81	2.71	3.03	3.28	7.88	6.78	15
16	5.34	8.04E	15.9	7.89	3.33	2.82	2.61	2.61	3.00	3.27	7.47	6.03	16
17	5.80	7.84E	14.3	7.03	3.37	2.86	2.66	2.61	3.06	3.13	7.22	5.41	17
18	6.04	7.67E	12.1	6.43	3.47	2.82	2.68	2.66	3.13	3.28	7.48	5.05	18
19	5.56	7.62E	10.4	6.23	3.44	2.78	2.68	2.61	3.13	3.38	8.11	4.81	19
20	5.43	7.80E	9.18	7.87	3.32	2.82	2.64	2.62	3.18	3.85	10.8	4.62	20
21	5.32	6.80E	8.61	8.28	3.21	2.82	2.68	2.86	3.12	4.42	13.4	5.21	21
22	7.26	5.89A	8.76	8.38	3.04	2.78	2.62	2.93	3.12	6.86	12.8	8.47	22
23	7.22	11.5	8.46	7.13	3.11	2.85	2.58	2.87	3.12	7.50	11.3	8.18	23
24	6.67	14.7	7.98	6.24	3.02	2.70	2.35	2.84	3.08	8.91	10.3	8.05	24
25	6.53	11.2	7.87	5.68	2.92	2.64	2.35	2.48	3.03	7.98	9.21	4.90	25
26	6.68	8.46	7.18	5.32	3.06	2.44	2.31	2.44	3.21	7.98	8.86	4.78	26
27	6.58	8.42	6.88	5.14	3.30	2.42	2.31	2.44	3.21	7.70	10.1	4.83	27
28	6.20	7.88	6.88	5.21	3.67	2.44	2.32	2.46	3.26	6.78	9.30	4.80	28
29	13.8		6.88	5.08	3.88	2.46	2.34	2.43	3.30	6.67	8.48	4.88	29
30	18.9		6.70	5.21	3.73	2.72	2.36	2.43	3.21	6.37	8.29	5.36	30
31	24.2		6.83		3.88		2.32	2.57		4.80		5.44	31
TOTAL	280.80	266.38	318.48	284.06	120.93	84.83	80.55	77.84	98.81	137.56	280.19	413.82	TOTAL
MEAN	9.06	9.23	10.3	8.47	3.90	2.83	2.60	2.51	3.29	4.44	9.34	13.3	MEAN
MAX	24.2	25.0	26.4	17.0	6.25	3.70	3.01	2.71	3.82	8.91	18.0	46.5	MAX
MIN	5.81	3.80	5.84	5.08	2.92	2.42	2.31	2.30	2.92	3.06	4.12	4.62	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.58
MAXIMUM DAILY, 46.5 ON DEC 6
MINIMUM DAILY, 2.30 ON AUG 10
MAXIMUM INSTANTANEOUS,
47.6 AT 00:21 PST ON DEC 6

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 01 45 N
LONG 125 17 55 W
DRAINAGE AREA, 280 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN 24 200		JUL 6 880	
FEB 22 300		AUG 6 730	
MAR 27 500		SEP 8 530	
APR 22 000		OCT 11 900	
MAY 10 400		NOV 24 200	
JUN 7 330		DEC 35 800	

TOTAL DISCHARGE, 208 000 dam³

RABBIT RIVER NEAR THE MOUTH - STATION NO. 10BE013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.0 B	9.158	9.208	11.2E	48.6E	88.8	59.4	46.6	34.8	33.6	17.7E	12.6 B	1
2	12.7 B	9.208	9.188	11.3E	53.0E	97.0	57.8	46.3	33.6	31.5	16.8E	12.5 B	2
3	12.6 B	9.128	9.208	11.3E	56.6E	91.7	54.8	50.3	32.4	31.4	16.1E	12.1 B	3
4	11.9 B	9.208	9.108	11.3E	60.6E	82.5	53.0	52.3	31.4	32.8	17.8E	12.2 B	4
5	11.3 B	9.408	9.088	11.6E	64.0E	105	51.6	50.6	30.8	32.7	17.8E	11.8 B	5
6	10.7 B	9.408	9.108	11.6E	66.5E	102	54.3	48.4	29.8	30.8	18.0E	11.5 B	6
7	10.5 B	9.438	9.158	12.2E	72.0E	98.6	51.0	46.8	28.8	28.7	15.2E	11.3 B	7
8	10.4 B	9.808	9.208	12.6E	76.0E	91.5	49.3	46.5	28.7	28.5	13.7E	10.8 B	8
9	10.5 B	10.0 B	9.188	12.5E	76.6E	93.3	48.0	46.7	27.7	28.1	12.8E	10.6 B	9
10	10.5 B	10.1 B	9.108	13.3E	83.0E	90.6	53.9	47.7	27.0	28.0	12.7E	10.7 B	10
11	10.6 B	10.2 B	9.008	13.7E	86.8E	80.3	51.7	47.8	28.4	28.8	12.8E	10.2 B	11
12	10.8 B	10.3 B	9.208	14.2E	86.8E	81.1	49.4	48.4	28.8	28.1	12.0E	10.1 B	12
13	10.6 B	10.2 B	9.448	14.4E	82.8E	85.7	48.6	47.7	28.8	28.8	11.8E	10.8 B	13
14	10.3 B	9.858	9.408	14.7E	77.0E	84.6	47.7	46.3	28.5	28.4	11.6E	11.1 B	14
15	10.0 B	9.808	9.408	14.8E	71.8E	88.9	48.8	46.2	28.8	24.3	12.3E	10.8 B	15
16	9.958	9.708	9.408	15.1E	80.0E	80.4	44.5	48.6	28.0	19.6	13.0E	10.4 B	16
17	9.908	9.808	9.458	15.2E	82.8E	72.6	42.3	46.8	21.2	14.2E	10.1 B	11.8	17
18	9.858	9.488	9.488	15.8E	86.6A	87.8	42.7	44.8	25.6	27.8	17.0E	10.0 B	18
19	9.908	9.408	9.808	16.3E	83.6	87.8	44.5	44.8	25.7	28.2	16.0E	9.808	19
20	9.808	9.808	9.708	18.0E	81.2	87.6	46.3	46.4	26.7	24.4	15.2E	9.808	20
21	9.788	9.708	9.808	18.8E	80.2	86.7	48.1	45.4	27.8	23.8	14.2E	9.468	21
22	9.708	9.738	9.858	22.0E	86.3	85.3	50.8	44.3	28.4	22.2	13.4E	9.188	22
23	9.888	9.708	10.2 B	24.7E	87.8	84.3	54.2	42.7	32.8	22.0	13.2E	8.708	23
24	9.808	9.808	10.1 B	27.0E	89.1	83.8	54.0	46.0	42.2	20.8	13.0E	8.408	24
25	9.858	9.408	9.808	30.7E	81.2	82.6	59.6	46.2	41.3	20.6	12.7E	10.0 B	25
26	9.958	9.308	9.808	34.0E	82.6	85.1	58.1	43.7	38.6	20.7E	12.0E	10.2 B	26
27	9.988	9.258	9.708	37.0E	84.3	72.0	54.4	42.4	38.6	20.6E	11.6E	9.858	27
28	9.808	9.058	9.788	40.0E	82.6	85.6	51.3	40.8	34.6	20.8E	12.2E	9.708	28
29	9.408		10.0 B	44.0E	85.6	81.0	48.1	38.0	34.6	21.0E	13.1E	9.608	29
30	9.108		10.3 E	48.0E	75.3	81.8	47.3	37.7	35.7	21.6E	12.8E	9.408	30
31	9.108		10.8 B		81.0		46.3	38.3		19.4E		9.108	31
TOTAL	321.61	288.48	298.87	598.6	2 088.8	2 426.6	1 627.2	1 414.4	930.0	787.4	420.8	324.18	TOTAL
MEAN	10.4	9.58	9.64	20.0	67.8	80.9	52.5	45.6	30.7	25.7	14.0	10.5	MEAN
MAX	13.0	10.3	10.8	48.0	81.0	105	59.6	52.3	42.2	33.6	18.1	12.6	MAX
MIN	9.10	9.06	9.00	11.2	48.6	81.0	42.3	38.3	24.8	18.4	11.8	8.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 31.5
MAXIMUM DAILY, 105 ON JUN 8
MINIMUM DAILY, 8.708 ON DEC 23
MAXIMUM INSTANTANEOUS,
112 AT 18:08 PST ON JUN 6

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 38 24 N
LONG 127 06 46 W
DRAINAGE AREA, 3 780 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	27 800	JUL	141 000
FEB	23 200	AUG	122 000
MAR	25 800	SEP	79 800
APR	81 700	OCT	68 800
MAY	181 000	NOV	36 400
JUN	210 000	DEC	28 000

TOTAL DISCHARGE, 895 000 dam³

RASPBERRY CREEK NEAR THE MOUTH - STATION NO. 10CD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0068	0B	0 B	0 B	30.7	1.35	0.237	0.063	0.084	0.284	0.117B	0.038B	1
2	0.0068	0B	0 B	0 B	17.8	1.17	0.208	0.051	0.068	0.262	0.114B	0.037B	2
3	0.0068	0B	0 B	0 B	18.3	1.04	0.188	0.048	0.060	0.261	0.118B	0.036B	3
4	0.0068	0B	0 B	0 B	14.3	0.908	0.178	0.038	0.057	0.233	0.080B	0.033B	4
5	0.0068	0B	0 B	0 B	11.7	0.868	0.168	0.030	0.078	0.230	0.068B	0.031B	5
6	0.0078	0B	0 B	0 B	9.87	0.818	0.153	0.014	0.077	0.233	0.067B	0.028B	6
7	0.0068	0B	0 B	0.0018	8.17	0.828	0.173	0.002	0.072	0.224	0.068B	0.027B	7
8	0.0068	0B	0 B	0.0038	8.84	0.848	0.188	0	0.067	0.213	0.068B	0.024B	8
9	0.0068	0B	0 B	0.0058	9.92	1.18	0.247	0.007	0.065	0.183	0.067B	0.022B	9
10	0.0078	0B	0 B	0.0078	8.02	1.02	0.272	0.048	0.064	0.183	0.068B	0.020B	10
11	0.0078	0B	0 B	0.0098	8.36	0.887	0.308	0.077	0.068	0.183	0.064B	0.018B	11
12	0.0078	0B	0 B	0.0118	8.82	0.768	0.171	0.068	0.060	0.171	0.060B	0.018B	12
13	0.0068	0B	0 B	0.0138	8.11	0.671	0.128	0.030	0.038	0.147	0.076B	0.021B	13
14	0.0068	0B	0 B	0.0188	7.86	0.621	0.108	0.012	0.033	0.183	0.078B	0.021B	14
15	0.0068	0B	0 B	0.0198	8.40	0.878	0.078	0.003	0.040	0.148	0.077B	0.020B	15
16	0.0068	0B	0 B	0.0348	8.63	0.868	0.074	0.078	0.048	0.183	0.078B	0.019B	16
17	0.0048	0B	0 B	0.0808	8.02	0.478	0.084	0.143	0.048	0.087	0.062B	0.018B	17
18	0.0048	0B	0 B	0.1008	4.38	0.442	0.067	0.127	0.058	0.088	0.084B	0.018B	18
19	0.0038	0B	0 B	0.1808	3.74	0.853	0.188	0.131	0.060	0.1018	0.080B	0.017B	19
20	0.0038	0B	0 B	0.2808	3.30	0.803	0.302	0.107	0.068	0.1148	0.074B	0.018B	20
21	0.0038	0B	0 B	0.3808	3.27	0.731	0.288	0.211	0.083	0.1338	0.067B	0.013B	21
22	0.0018	0B	0 B	0.5408	3.38	0.653	0.248	0.208	0.062	0.1248	0.061B	0.011B	22
23	0.0018	0B	0 B	0.8808	2.88	0.588	0.238	0.213	0.078	0.1298	0.058B	0.008B	23
24	0.0018	0B	0 B	1.27 B	2.61	0.523	0.247	0.211	0.074	0.1238	0.050B	0.008B	24
25	0.0028	0B	0 B	2.00 B	2.30	0.458	0.208	0.208	0.079	0.1178	0.044B	0.008B	25
26	0.0038	0B	0 B	2.88 B	2.04	0.427	0.183	0.182	0.083	0.1148	0.039B	0.011B	26
27	0.0038	0B	0 B	4.81 B	1.77	0.388	0.161	0.158	0.074	0.1158	0.038B	0.011B	27
28	0.0018	0B	0 B	7.36 B	1.64	0.388	0.128	0.131	0.068	0.1178	0.038B	0.010B	28
29	0 B		0 B	10.2 B	1.48	0.388	0.102	0.118	0.062	0.1228	0.040B	0.008B	29
30	0 B		0 B	14.7 B	1.40	0.380	0.088	0.110	0.288	0.1288	0.041B	0.007B	30
31	0 B		0.001B		1.58		0.083	0.104		0.1228		0.006B	31
TOTAL	0.137	0	0.001	48.888	208.58	21.448	5.348	2.817	2.085	5.008	2.317	0.587	TOTAL
MEAN	0.004	0	0	1.62	6.73	0.715	0.172	0.084	0.070	0.161	0.074	0.018	MEAN
MAX	0.008	0	0.001	14.7	30.7	1.35	0.302	0.213	0.288	0.284	0.117	0.038	MAX
MIN	0	0	0	0	1.40	0.380	0.084	0	0.033	0.087	0.038	0.006	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.805
MAXIMUM DAILY, 30.7 ON MAY 1
MINIMUM DAILY, 0B ON JAN 29
MAXIMUM INSTANTANEOUS,
31.6 AT 04:00 PST ON MAY 1

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 53 38 N
LONG 133 19 08 W
DRAINAGE AREA, 273 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11.8	JUL	482
FEB	0	AUG	262
MAR	0.08	SEP	181
APR	3 850	OCT	432
MAY	18 000	NOV	182
JUN	1 880	DEC	80.7

TOTAL DISCHARGE, 25 400 dam³

REVELSTOKE PROJECT OUTFLOW - STATION NO. 08ND035

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	794	1 400	802	881	283	886	840	888	388	280	843	1 170	1
2	794	1 210	1 010	486	142	712	823	787	284	524	813	1 040	2
3	720	838	880	850	172	0	1 180	878	204	481	803	878	3
4	838	936	837	821	238	103	1 190	823	138	508	802	1 040	4
5	1 010	948	988	887	238	728	1 020	873	288	488	884	948	5
6	883	813	838	838	0	800	878	888	281	381	1 030	700	6
7	1 070	827	882	880	0	818	1 100	777	238	152	881	801	7
8	1 210	1 100	783	820	718	808	888	827	180	89.4	816	484	8
9	1 020	1 080	810	213	1 020	841	785	883	118	200	833	820	9
10	1 040	1 220	833	881	878	788	885	881	11.0	224	772	1 030	10
11	1 180	1 420	338	200	1 080	843	887	871	374	381	871	1 270	11
12	888	782	888	811	837	885	878	884	435	448	880	1 080	12
13	884	1 070	1 080	281	0	788	1 010	828	437	467	788	1 120	13
14	1 030	1 340	1 020	888	837	883	1 080	1 040	488	278	877	1 040	14
15	748	1 180	1 030	0	238	888	1 010	1 080	400	202	774	823	15
16	888	1 210	828	0	1 110	881	1 030	833	200	427	807	888	16
17	788	1 180	1 120	208	1 140	880	1 080	781	183	351	831	848	17
18	788	811	730	247	1 080	343	1 070	888	804	313	878	1 280	18
19	820	808	348	220	0	807	1 130	808	700	808	800	1 220	19
20	734	781	880	234	0	848	1 080	888	884	401	828	1 010	20
21	1 020	881	1 080	283	0	727	820	1 010	887	273	883	738	21
22	1 080	848	1 040	0	0	748	788	878	887	283	881	783	22
23	1 120	1 100	887	0	488	878	721	812	483	880	488	372	23
24	1 340	1 080	0	147	1 180	1 040	882	810	418	407	884	332	24
25	1 080	833	0	818	1 180	881	888	471	873	818	884	383	25
26	832	847	0	282	788	888	888	342	732	888	885	437	26
27	1 010	885	0	308	0	882	886	238	885	826	787	827	27
28	834	848	840	288	0	1 080	852	417	824	831	788	808	28
29	848		848	0	0	1 080	870	428	704	888	817	828	29
30	1 010		882	0	0	1 080	888	283	838	838	780	885	30
31	1 180		834		871		1 080	148		838		882	31
TOTAL	30 247	28 281	21 858	10 008	14 404	23 770	28 782	21 884	12 918.0	13 158.4	23 380	26 123	TOTAL
MEAN	878	1 010	888	334	488	782	827	888	431	424	780	843	MEAN
MAX	1 420	1 420	1 120	881	1 180	1 080	1 190	1 080	888	828	1 030	1 280	MAX
MIN	720	847	0	0	0	0	888	148	11.0	89.4	488	332	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 887
MAXIMUM DAILY, 1 420 ON JAN 23
MINIMUM DAILY, 0 ON MAR 24

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 52 04 38 N
LONG 118 33 88 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 810 000	JUL	2 480 000
FEB	2 440 000	AUG	1 870 000
MAR	1 870 000	SEP	1 120 000
APR	884 000	OCT	1 140 000
MAY	1 240 000	NOV	2 020 000
JUN	2 080 000	DEC	2 260 000

TOTAL DISCHARGE, 22 000 000 dam³

DATA CONTRIBUTED BY -
BRITISH COLUMBIA HYDRO AND POWER AUTHORITY

REGULATED SINCE 1973

RICHMOND LANDFILL OUTFALL SITE 2 - STATION NO. 08MH161

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.087	0.0038	0.014	0.080	0.028	0.024	0.027	0.002	0.001	0	0.087	0.047	1
2	0.088	---	0.011	0.087	0.028	0.028	0.028	0.001	0	0	0.088	0.053	2
3	0.086	---	0.008	0.084	0.028	0.027	0.028	0.001	0	0.087	0.084	0.088	3
4	0.078	---	0.008	0.077	0.028	0.028	0.027	0.001	0	0.040	0.073	0.080	4
5	0.077	---	0.009	0.077	0.018	0.028	0.033	0	0	0.082	0.088	0.088	5
6	0.078	---	0.008	0.080	0.022	0.028	0.033	0	0	0.088	0.088	0.082	6
7	0.071	---	0.022	0.073	0.028	0.034	0.033	0	0	0.088	0.088	0.082	7
8	0.087	---	0.027	0.070	0.027	0.038	0.038	0	0	0.074	0.087	0.042	8
9	0.081	---	0.042	0.072	0.027	0.034	0.038	0	0	0.073	0.087	0.048	9
10	0.087	---	0.042	0.087	0.028	0.038	0.038	0	0	0.082	0.071	0.041	10
11	0.088	---	0.041	0.088	0.030	0.034	0.037	0	0	0.042	0.082	0.040	11
12	0.081	---	0.042	0.087	0.029	0.031	0.035	0	0	0.042	0.088	0.038	12
13	0.080	---	0.040	0.088	0.029	0.035	0.028	0	0	0.042	0.080	0.038	13
14	0.083	---	0.038	0.088	0.033	0.038	0.032	0.001	0	0.033	0.088	0.038	14
15	0.088	---	0.040	0.088	0.033	0.031	0.022	0	0	0.027	0.088	0.037	15
16	0.071	---	0.038	0.088	0.030	0.032	0.034	0.001	0	0.038	0.080	0.034	16
17	0.074	---	0.048	0.088	0.030	0.038	0.028	0	0	0.027	0.087	0.032	17
18	0.078	---	0.087	0.084	0.030	0.038	0.015	0	0	0.034	0.088	0.033	18
19	0.088	---	0.088	0.087	0.023	0.042	0.008	0	0	0.028	0.088	0.033	19
20	0.071	---	0.087	0.080	0.024	0.040	0.008	0.001	0	0.024	0.085	0.038	20
21	0.048	---	0.080	0.088	0.023	0.038	0.003	0.002	0	0.048	0.088	0.030	21
22	0.022	0.0038	0.088	0.084	0.023	0.024	0.010	0.001	0	0.084	0.047	0.032	22
23	0.013	0.018	0.087	0.084	0.027	0.028	0.018	0	0	0.078	0.080	0.034	23
24	0.011	0.028	0.080	0.082	0.028	0.024	0.022	0	0	0.073	0.047	0.033	24
25	0.008	0.038	0.082	0.088	0.024	0.024	0.017	0	0	0.088	0.048	0.032	25
26	0.007	0.048	0.082	0.088	0.028	0.028	0.008	0	0	0.072	0.048	0.032	26
27	0.010	0.038	0.088	0.041	0.028	0.024	0.004	0	0	0.070	0.045	0.035	27
28	0.020	0.032	0.043	0.018	0.028	0.018	0.003	0	0	0.071	0.034	0.032	28
29	0.028		0.088	0.028	0.026	0.018	0.002	0	0	0.070	0.037	0.042	29
30	0.028		0.081	0.028	0.018	0.022	0.001	0.001	0	0.070	0.048	0.034	30
31	0.022		0.087		0.021		0.002	0.001		0.088		0.034	31
TOTAL	1.800	---	1.288	1.885	0.815	0.886	0.630	0.013	0.001	1.811	1.738	1.234	TOTAL
MEAN	0.052	---	0.042	0.087	0.026	0.030	0.020	0	0	0.048	0.088	0.040	MEAN
MAX	0.088	---	0.082	0.080	0.033	0.042	0.037	0.002	0.001	0.078	0.084	0.080	MAX
MIN	0.007	---	0.008	0.018	0.018	0.018	0.001	0	0	0	0.034	0.028	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.084 ON NOV 3
MINIMUM DAILY, 0 ON AUG 5
MAXIMUM INSTANTANEOUS,
0.110 AT 23:30 PST ON JAN 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 53 N
LONG 123 02 45 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	136	JUL	54.4
FEB	---	AUG	1.12
MAR	112	SEP	0.08
APR	148	OCT	131
MAY	70.4	NOV	180
JUN	78.8	DEC	107

ROBERTS CREEK AT ROBERTS CREEK - STATION NO. 08GA047

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.98 E	1.00 E	0.858	1.15	1.12	0.838	1.33	0.172	0.088	0.078	0.381	0.801	1
2	1.87 E	0.4888	0.573	1.19	1.02	0.690	1.01	0.180	0.085	0.078	0.284	1.71	2
3	1.88 E	0.4108	0.488	1.08	0.908	0.424	0.554	0.188	0.083	0.078A	3.31	2.47	3
4	1.88 E	0.3808	0.480	1.18	0.833	0.353	0.385	0.140	0.081	0.081E	8.31	4.28	4
5	1.78 E	0.3308	1.18	1.80	0.932	0.302	0.290	0.120	0.080	0.088E	1.88	1.83	5
6	1.80 E	0.3188	1.67	2.80	0.898	0.248	0.220	0.108	0.085	0.082E	1.48	2.14	6
7	1.13 E	0.3028	1.14	2.84	0.827	0.210	0.178	0.100	0.083	0.078E	1.48	1.72	7
8	0.880E	0.2908	0.818	1.93	0.833	0.184	0.168	0.088	0.080	0.078E	2.00	1.88	8
9	0.820A	0.2808	0.888	1.33	0.885	0.178	0.158	0.088	0.078	0.140E	7.82	1.48	9
10	0.782	0.2708	2.03	1.38	0.573	0.164	0.163	0.090	0.078	0.228E	9.84	1.18	10
11	0.804	0.2628	2.44	1.85	0.808	0.158	0.148	0.088	0.073	0.440E	3.08	0.924	11
12	0.740	0.2548	2.81	1.74	0.410	0.148	0.140	0.081	0.073	0.710E	1.73	0.783	12
13	1.43	0.2808	2.08	1.81	0.337	0.157	0.127	0.081	0.074	0.305E	1.42	0.885	13
14	1.08	0.2488	1.38	2.12	0.381	0.317	0.118	0.117	0.074	0.270E	1.20	0.808	14
15	0.847	0.2438	1.11	1.88	0.417	0.188	0.117	0.140	0.074	0.238E	0.868	0.810	15
16	2.14	0.2418	0.863	1.48	0.437	0.180	0.134	0.144	0.088	0.800E	1.01	0.480	16
17	2.38	0.2388	0.830	1.20	0.831	0.140	0.183	0.131	0.111	1.63 E	1.38	0.423	17
18	1.88	0.284	0.762	1.28	0.888	0.148	0.188	0.118	0.081	1.80 E	1.12	0.387	18
19	1.42	0.402	0.888	1.81	0.880	0.138	0.157	0.110	0.085	0.880E	1.80	0.388	19
20	1.18	0.428	0.598	2.81	0.407	0.127	0.135	0.180	0.083	1.80 E	3.13	0.334	20
21	1.02	0.488	1.08	1.81	0.321	0.113	0.115	0.881	0.078	3.48 E	2.33	0.324	21
22	0.898	2.80	1.08	1.12	0.288	0.113	0.113	1.88	0.077	4.70 E	1.44	0.382	22
23	0.741	3.02	0.844	1.00	0.438	0.098	0.110	0.732	0.073	5.80 E	1.80	0.410	23
24	0.848	2.60	0.780	1.07	1.38	0.084	0.102	0.384	0.078	3.05 E	1.58	0.420	24
25	0.872	1.43	0.881	1.15	0.811	0.087	0.098	0.233	0.073	1.38 E	1.27	0.372	25
26	0.831	1.10	1.40	1.19	3.02	0.080	0.088	0.173	0.084	3.10 E	1.05	0.341	26
27	0.888	0.808	2.86	1.13	4.48	0.102	0.088	0.141	0.082	1.72 E	1.02	0.331	27
28	0.813	0.788	1.89	1.12	1.81	0.188	0.092	0.123	0.088	1.21	1.28	0.310	28
29	0.848		1.31	1.17	1.02	0.222	0.093	0.114	0.081	0.784	1.18	0.288	29
30	2.24		1.18	1.21	0.748	0.238	0.086	0.107	0.078	0.582	0.895	0.284	30
31	2.38		1.19		0.808		0.108	0.102		0.443		0.338	31
TOTAL	38.218	19.782	38.271	48.14	28.484	8.138	8.827	7.288	2.500	38.088	88.488	28.832	TOTAL
MEAN	1.27	0.707	1.23	1.80	0.918	0.205	0.223	0.235	0.083	1.18	2.18	0.930	MEAN
MAX	2.38	3.02	2.81	2.81	4.48	0.538	1.33	1.88	0.111	8.80	8.88	4.28	MAX
MIN	0.513	0.238	0.480	1.00	0.288	0.080	0.082	0.088	0.073	0.078	0.284	0.288	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.888
MAXIMUM DAILY, 8.88 ON NOV 10
MINIMUM DAILY, 0.073 ON SEP 11
MAXIMUM INSTANTANEOUS,
37.1 AT 00:55 PST ON NOV 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 25 15 N
LONG 123 36 30 W
DRAINAGE AREA, 32.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 380	JUL	888
FEB	1 710	AUG	831
MAR	3 310	SEP	218
APR	3 800	OCT	3 120
MAY	2 480	NOV	8 880
JUN	830	DEC	2 490

TOTAL DISCHARGE, 28 000 dam³

ROSS RESERVOIR NEAR NEWHALEM - STATION NO. 08PA008

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	328.608	317.738	308.728	302.288	311.488	324.783	336.707	336.012	334.888	332.744	330.403	330.830	1
2	328.483	317.388	304.370	302.208	312.030	326.803	336.774	336.018	334.880	332.882	330.114	330.833	2
3	328.358	317.007	305.887	302.030	312.780	328.428	336.836	336.002	334.836	332.884	329.906	331.144	3
4	328.178	316.588	305.387	301.828	313.240	327.206	336.814	335.988	334.788	332.487	329.842	332.383	4
5	324.881	316.382	304.931	302.181	313.878	327.956	336.887	335.980	334.731	332.408	329.781	332.886	5
6	324.703	315.858	304.410	302.407	314.418	328.783	336.888	335.980	334.887	332.327	329.882	332.885	6
7	324.441	315.888	304.180	302.787	315.377	329.480	336.880	335.878	334.878	332.232	329.870	332.421	7
8	324.084	315.181	303.888	303.114	316.224	330.128	336.880	335.848	334.484	332.202	329.804	332.317	8
9	323.838	314.740	303.848	303.288	317.013	330.883	336.906	335.926	334.445	332.107	330.034	332.278	9
10	333.842	314.388	303.857	303.480	317.838	331.187	336.902	335.874	334.383	332.080	331.288	332.238	10
11	323.288	313.888	303.820	303.888	318.488	331.882	336.880	336.788	334.282	332.022	332.088	332.118	11
12	332.887	313.878	303.817	303.828	318.878	332.177	336.880	336.743	334.232	332.043	332.418	332.028	12
13	332.771	313.488	303.830	304.078	319.342	332.888	336.878	336.718	334.182	332.040	332.478	332.081	13
14	322.858	312.988	303.827	304.888	319.883	333.122	336.827	336.837	334.084	332.000	332.430	332.088	14
15	332.320	312.882	303.841	305.287	320.088	333.848	336.888	336.870	333.987	331.888	332.284	332.048	15
16	332.027	312.178	303.488	305.812	320.381	333.828	336.878	336.827	333.821	331.802	332.128	332.082	16
17	331.888	311.788	302.482	306.348	320.788	333.881	336.883	336.448	333.884	331.702	331.884	332.088	17
18	331.880	311.388	303.384	306.811	321.121	334.107	336.863	336.382	333.788	331.628	331.830	331.870	18
19	321.438	311.000	303.332	307.004	321.448	334.288	336.838	336.328	333.888	331.888	331.830	331.872	19
20	321.188	310.800	303.300	307.482	321.718	334.388	336.828	336.280	333.848	331.488	331.830	331.811	20
21	320.888	310.148	303.108	307.872	321.842	334.442	336.823	336.282	333.448	331.438	331.838	331.788	21
22	320.888	308.820	303.033	308.818	322.104	334.548	336.880	336.320	333.388	331.387	331.781	331.888	22
23	320.283	308.478	302.913	308.827	322.283	334.803	336.858	336.271	333.288	331.348	331.888	331.822	23
24	319.800	308.088	302.888	308.348	322.488	334.814	336.828	336.228	333.198	331.311	331.848	331.488	24
25	319.832	308.708	302.807	308.888	322.840	335.033	336.888	336.188	333.184	331.188	331.478	331.388	25
26	319.332	308.223	302.724	308.832	322.882	335.288	336.840	336.143	333.021	331.187	331.328	331.223	26
27	318.882	307.780	302.881	310.288	323.000	335.387	336.872	336.140	332.888	331.031	331.128	331.141	27
28	318.840	307.278	302.887	310.468	323.288	335.488	336.908	336.143	332.838	330.873	331.082	331.043	28
29	318.333		302.828	310.828	323.842	335.582	336.882	336.188	332.881	330.872	330.870	330.837	29
30	318.188		302.432	311.088	323.771	335.837	336.883	336.087	332.787	330.782	330.873	330.887	30
31	317.828		302.382		324.188		336.838	336.888		330.847		330.732	31
MEAN	321.888	312.888	303.878	305.882	318.281	332.228	336.818	336.848	333.908	331.727	331.188	331.737	MEAN
MAX	328.808	317.738	308.728	311.088	324.188	335.837	336.838	336.018	334.888	332.744	332.478	332.888	MAX
MIN	317.828	307.278	302.382	301.828	311.488	324.783	336.707	835.888	333.787	330.847	328.384	330.732	MIN

WATER LEVELS IN METRES

MEAN, 324.732
MAXIMUM DAILY, 338.838 ON JUL 31
MINIMUM DAILY, 301.828 ON APR 4
MAXIMUM INSTANTANEOUS,
338.848 ON AUG 1

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 182.488 m ADJUSTMENT TO CONVERT TO CITY OF SEATTLE ROSS DAM DATUM

SUMMARY FOR THE YEAR 1988

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 43 58 N
LONG 121 04 03 W

REGULATED SINCE 1940

SALLOOMT RIVER NEAR HAGENSBORG - STATION NO. 08F8004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.55	4.50B	2.00B	2.02E	20.8	22.5	8.82	8.17	4.10	3.41	4.84	7.58	1
2	3.44	2.85B	1.80B	2.04E	20.5	22.3	8.31	7.50	3.81	2.81	4.81	22.4	2
3	3.50	2.69B	1.72B	2.06E	18.7	22.4	8.27	7.30	3.92	2.63	59.1	18.7	3
4	3.67	2.65B	1.79B	2.10E	16.8	24.8	9.32	7.05	4.62	2.85	30.2	17.5	4
5	3.33	2.62B	1.73E	2.15E	16.2	26.0	8.90	6.88	3.71	3.11	17.0	13.8	5
6	3.10B	2.60B	1.77E	2.35E	22.2	20.2	8.81	6.42	3.55	2.85	13.7	11.7	6
7	3.00B	2.60B	1.77E	2.57	22.8	19.1	8.88	6.37	4.26	3.85	11.6	10.8	7
8	2.80B	2.50B	1.74E	2.80	21.6	17.8	10.2	6.47	4.75	3.63	10.7	10.0	8
9	2.88B	2.50B	1.79E	2.63	19.8	16.4	10.3	6.88	4.23	7.76	103	8.88	9
10	2.88B	2.65B	1.79E	2.76	16.9	17.2	11.9	6.88	3.81	8.86	45.0	7.74	10
11	2.80	2.88B	1.80E	3.80	13.8	19.7	12.7	6.27	3.40	7.72	19.5	7.10	11
12	4.27	3.02B	1.80E	4.82	11.3	19.6	11.6	5.36	3.46	7.27	14.1	8.68	12
13	3.97	2.84B	1.79E	4.88	10.0	18.0	12.1	5.16	3.85	6.38	11.6	8.26	13
14	3.47	2.84B	1.77E	7.11	10.4	16.8	11.3	5.08	3.47	4.34	9.85	8.01	14
15	3.33	2.83B	1.78E	8.32	12.3	15.7	10.6	5.08	3.06	3.72	8.79	8.78	15
16	4.26	2.57B	1.74E	8.80	15.4	13.0	9.63	5.20	2.80	3.26	10.9	8.88	16
17	5.13	2.50B	1.78E	8.88	13.8	11.4	8.21	5.36	2.83	18.4	14.8	8.28	17
18	5.48	2.46B	1.78E	8.88	11.1	10.0	8.84	5.69	2.32	23.8	81.8	4.88	18
19	4.82	2.50B	1.80E	8.47	8.88	8.28	8.84	5.82	2.78	13.3	48.8	4.84	19
20	4.68B	2.50	1.81E	10.8	8.71	8.88	8.70	8.74	3.02	13.3	20.4	4.40	20
21	4.17B	2.48	1.87E	10.1	8.30	11.2	8.88	8.78	2.87	10.8	14.8	4.48	21
22	4.03B	2.46	1.80E	8.33	8.48	12.1	8.06	8.76	2.82	8.60	11.7	14.1	22
23	3.82B	2.43	1.80E	8.04	8.43	13.8	7.88	8.28	2.88	7.28	10.4	18.8	23
24	3.88B	2.46	1.81E	8.87	8.88	16.1	7.42	4.83	2.84	7.38	8.18	24.0	24
25	4.01	2.46	1.88E	10.7	10.1	17.7	7.37	4.80	2.88	7.47	7.90	42.8	25
26	5.85	2.44	1.87E	11.8	10.2	13.8	7.87	4.78	2.98	7.84	7.13	34.5	26
27	7.06	2.48E	1.88E	11.8	11.5	10.0	8.23	4.83	3.00	8.28	8.46	25.8	27
28	8.81	2.28B	2.00E	12.8	12.8	8.78	8.20	4.48	2.88	8.30	7.87	18.2	28
29	10.2		2.00E	18.7	14.8	8.71	8.23	4.88	4.82	8.26	7.35	13.1	29
30	22.7		2.01E	19.2	18.4	8.80	8.87	4.70	4.32	8.47	8.80	11.8	30
31	8.80		2.02E		21.8		8.88	4.41		8.28		10.7	31
TOTAL	183.34	72.40	57.32	208.40	453.98	474.80	281.03	180.83	103.88	214.82	837.88	404.12	TOTAL
MEAN	5.24	2.58	1.85	8.95	14.6	15.8	9.38	5.83	3.47	8.92	21.3	13.0	MEAN
MAX	22.7	4.50	2.02	19.2	22.8	26.0	12.7	8.78	4.82	23.8	103	42.8	MAX
MIN	3.80	2.28	1.72	2.02	8.30	8.71	7.37	4.41	2.32	2.63	4.84	4.40	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.84
MAXIMUM DAILY, 103 ON NOV 9
MINIMUM DAILY, 1.72B ON MAR 3
MAXIMUM INSTANTANEOUS,
173 AT 16:33 PST ON NOV 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 26 37 N
LONG 126 31 10 W
DRAINAGE AREA, 181 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	14 000	JUL	25 100
FEB	5 250	AUG	15 600
MAR	4 940	SEP	8 880
APR	18 000	OCT	16 500
MAY	39 200	NOV	85 100
JUN	41 000	DEC	34 900

TOTAL DISCHARGE, 282 000 dam³

SALMO RIVER NEAR SALMO - STATION NO. 08NE074

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.52	5.33	5.02B	16.4	110	104	27.8	8.71	8.22A	4.04	8.88	13.8	1
2	7.84	4.93	5.06B	16.6	128	128	28.7	8.01	8.06	4.01	8.81	14.2	2
3	7.72	5.00B	5.70	16.8	130	135	23.7	8.81	8.18	4.01	8.60	14.4	3
4	8.44	5.05B	5.86	15.4	128	128	22.3	8.34	8.41	3.87	8.88	20.8	4
5	8.11	5.00B	8.27	17.0	142	128	21.1	8.80	8.03	3.82	8.30	27.8	5
6	8.37	5.43B	8.21	18.8	188	138	19.3	8.80E	7.78	3.80	7.61	23.8	6
7	7.87	5.38B	8.30	21.8	213	128	18.5	8.48E	7.34	3.80	8.15	21.7	7
8	7.28	5.20B	8.09	23.8	198	116	17.6	8.80E	8.81	3.68	8.88	21.4	8
9	7.82	5.15B	8.28	23.8	188	113	16.8	12.0 E	8.78	3.78	18.8	20.8	9
10	7.81	5.10B	7.46	24.4	211	98.8	16.0	14.0 E	8.82	3.88	38.1	18.1	10
11	7.85	5.05B	8.28	28.2	221	88.2	17.8	8.00E	8.22	4.88	70.7	17.8	11
12	7.42	5.88B	8.34	30.7	180	84.4	18.4 A	7.90E	8.87	4.27	46.8	17.4	12
13	7.70	5.80B	10.3	37.3	118	81.8	16.8	10.5 E	8.78	5.08	33.8	17.3	13
14	7.86	5.80B	10.7	48.8	102	83.7	14.8	8.50E	8.63	7.06	28.2	18.8	14
15	7.87	5.78B	10.3	70.8	85.1	78.8	13.8	7.40E	8.34	8.78	18.1	18.8	15
16	7.86	5.68B	10.1	77.2	88.2	78.4	13.4	8.50E	8.15	8.04	24.3	18.3	16
17	8.02	5.70B	9.86	72.3	100	87.8	13.8	8.70E	8.26	4.88	23.1	18.2	17
18	7.83	5.78B	9.86	78.7	104	88.4	12.8	8.10E	8.88	4.83	21.8	14.3	18
19	7.83	5.80B	9.72	81.8	88.4	81.8	11.7	7.40E	8.28	4.87	20.8	14.0	19
20	7.83	5.70B	8.81	113	77.1	47.7	10.8	8.80E	8.04	4.88	19.8	13.8	20
21	7.86	5.88B	10.2	152	70.3	42.0	10.2	10.0 E	4.88	8.18	21.8	13.2	21
22	7.33	5.88B	10.8	188	88.8	41.0	9.40	14.0 E	4.78	7.38	20.8 E	12.8	22
23	8.28	5.40B	11.1	130	78.4	40.8	8.80	18.0 E	4.87	7.04	18.7 E	12.8	23
24	8.88	5.80B	11.3	108	72.4	38.1	8.34	13.0 E	4.82	13.4	18.1	12.3	24
25	7.77	5.80B	12.3	87.8	88.4	36.7	7.93	12.4 E	4.48	11.8	18.3	12.0	25
26	7.30	5.88B	13.8	87.8	83.2	41.0	7.84	13.8 E	4.38	8.38	17.2	11.7	26
27	7.08	5.80B	14.8	81.3	84.2	38.8	7.33	18.0 E	4.31	8.78	16.8	11.4	27
28	7.08	5.80B	18.0	78.8	88.0	33.7	6.87	12.0 E	4.18	8.72	16.8	11.2	28
29	7.00		18.7	80.8	81.7	30.7	6.84	9.30E	4.15	7.78	15.4	10.8	29
30	7.14		18.4	80.7	82.8	29.2	8.23	7.10E	4.10	7.48	14.8	10.8	30
31	7.83		18.8		77.8		8.02	8.00E		7.04		10.3	31
TOTAL	238.32	183.88	308.83	1 801.8	3 613.7	2 302.8	438.30	283.22	178.88	184.20	800.02	483.8	TOTAL
MEAN	7.82	5.88	9.88	83.4	113	78.8	14.1	9.14	5.98	5.84	20.0	15.8	MEAN
MAX	8.44	5.88	18.7	188	221	138	27.8	18.0	8.22	13.4	70.7	27.8	MAX
MIN	8.28	4.93	5.82	16.4	81.7	29.2	8.02	8.48	4.10	3.78	8.80	10.3	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.0
MAXIMUM DAILY, 221 ON MAY 11
MINIMUM DAILY, 3.78 ON OCT 8
MAXIMUM INSTANTANEOUS,
264 AT 01:00 PST ON MAY 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 04 07 N
LONG 117 18 37 W
DRAINAGE AREA, 1 230 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	20 400	JUL	37 700
FEB	14 300	AUG	24 800
MAR	25 800	SEP	15 800
APR	184 000	OCT	15 800
MAY	304 000	NOV	81 800
JUN	188 000	DEC	41 800

TOTAL DISCHARGE, 818 000 dam³

SALMON RIVER ABOVE CAMPBELL LAKE DIVERSION - STATION NO. 08HD015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.32	20.0 B	4.25	10.1	28.1	21.8	7.40	2.47	1.06	0.880A	8.14A	13.8	1
2	3.28	10.3 B	3.80B	10.8	31.1	18.8	8.21	4.42	1.15	0.840A	4.80A	82.0	2
3	7.24	8.008	3.71B	8.73	27.7	16.6	6.51	3.43	1.08	0.800A	18.8 A	108	3
4	10.8	8.058	3.40	7.41	26.9	15.6	7.88	2.71	1.03	0.595A	38.7 A	121	4
5	7.33	7.588	3.21	8.34	37.2	15.1	7.88	2.38	0.948	0.820A	18.7 A	44.3	5
6	5.52	7.008	3.35	30.7	38.8	12.2	8.38	2.11	0.887	0.830A	12.1 A	28.7	6
7	4.18	6.518	3.30	31.4	31.7	9.85	8.17	1.90	0.813	0.830E	10.8 A	24.8	7
8	4.84	6.158	3.16	20.0	27.8	8.57	6.88	1.78	0.870A	0.830A	48.3 A	44.3	8
9	4.32	5.788	3.15	16.7	22.8	8.27	4.88	1.58	0.780A	0.830A	144 A	22.3	9
10	3.78	5.528	3.37	18.3	17.0	7.28	4.38	1.51	0.780A	0.880A	74.3 A	15.8	10
11	3.58	5.378	21.8	23.7	12.8	7.28	4.82	1.53	0.730A	2.98 A	30.3 A	11.5	11
12	4.18	5.088	20.8	28.1	9.87	7.73	4.38	1.81	0.710A	7.88 A	18.8 A	9.41	12
13	5.80	4.888	13.4	29.2	8.98	8.03	3.88	1.88	0.880A	4.78 A	14.0 A	8.17	13
14	4.32	4.888	8.54	48.4	8.83	8.83	3.81	1.70	0.880A	3.20 A	8.88A	7.48	14
15	3.80	4.488	7.80	38.1	12.8	7.57	3.14	1.70	0.850A	2.47 A	8.03A	7.42	15
16	8.40	4.338	7.02	24.1	14.8	6.08	3.12	1.88	0.880A	1.88 A	7.88	7.08	16
17	15.8	4.208	8.87	18.3	13.8	5.34	4.88	1.48	0.730A	2.88 A	8.88	8.88	17
18	10.3	4.17	8.27	20.0	10.0	5.18	4.81	1.38	0.780A	21.8 A	11.7	8.10	18
19	8.04	3.88	8.11	27.8	7.91	5.00	3.82	1.28	0.710A	14.7 A	38.0	8.88	19
20	7.88	3.80	8.18	88.8	7.18	5.44	3.31	1.24	0.880A	31.8 A	31.8	8.07	20
21	8.23	3.83	7.88	38.8	8.77	4.87	3.88	1.48	0.840A	48.0 A	24.1	8.28	21
22	8.78	12.4	8.81	22.8	8.63	8.33	2.87	1.78	0.810A	24.8 A	18.8	8.18	22
23	8.38	14.7	7.87	18.0	8.81	8.03	2.48	1.78	0.888A	31.4 A	13.8	7.72	23
24	8.48	10.8	7.28	17.7	8.88	8.84	2.34	1.84	0.880A	30.4 A	12.8	8.48	24
25	4.78	7.01	8.84	18.7	8.81	8.71	2.18	1.38	0.888A	17.7 A	10.3	8.84	25
26	4.82	8.87	7.28	22.7	11.8	4.88	2.08	1.20	0.710A	34.0 A	8.88	8.28	26
27	8.30	8.08	8.88	22.8	14.8	4.11	2.00	1.13	0.880A	18.0 A	8.08	8.83	27
28	8.84	4.80	10.0	22.8	13.1	4.87	1.88	1.07	0.810A	11.3 A	11.8	7.84	28
29	24.7		8.83	20.0	14.0	8.12	1.84	1.04	0.780A	8.37 A	28.8	8.88	29
30	82.8		8.87	34.0	18.8	8.83	1.71	0.881	0.750A	8.82 A	18.8	8.71	30
31	61.3		10.3		18.4		1.88	0.883		8.24 A		8.84	31
TOTAL	339.88	184.80	235.08	718.88	528.10	280.17	130.27	52.884	23.808	338.848	702.84	877.08	TOTAL
MEAN	11.0	8.88	7.58	24.0	17.0	8.87	4.20	1.74	0.784	10.8	23.4	21.8	MEAN
MAX	82.8	20.0	21.8	88.8	37.2	21.8	8.21	4.42	1.15	48.0	144	121	MAX
MIN	3.28	3.80	3.15	7.81	8.81	4.11	1.88	0.883	0.888	0.888	4.80	8.07	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.5
MAXIMUM DAILY, 144A ON NOV 8
MINIMUM DAILY, 0.888A ON SEP 28
MAXIMUM INSTANTANEOUS,
303 ON NOV 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 05 30 N
LONG 125 40 20 W
DRAINAGE AREA, 288 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	28 400	JUL	11 300
FEB	16 800	AUG	6 880
MAR	20 300	SEP	2 030
APR	62 100	OCT	28 000
MAY	45 800	NOV	60 700
JUN	22 800	DEC	58 800

TOTAL DISCHARGE, 383 000 dam³

SALMON RIVER ABOVE MEMEKAY RIVER - STATION NO. 08HD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.50	21.0	8.48	11.0	12.5	3.38	3.74	2.38	1.47	1.08	4.81	13.7 E	1
2	7.11	8.008	7.008	11.3	8.18	3.24	4.73	2.88	1.81	1.04	4.87	108 E	2
3	10.8	7.708	8.828	8.80	8.81	3.21	8.08	2.81	1.47	0.988	8.32	132 E	3
4	18.0	7.188	7.08	8.18	8.80	3.10	4.81	2.42	1.44	1.08	22.8	188 E	4
5	13.8	8.888	7.47	12.3	8.21	2.92	8.87	2.24	1.38	1.18	10.8	74.8 E	5
8	10.4	8.008	8.34	31.8	7.18	2.88	4.83	2.13	1.33	1.18	8.18	30.8 E	8
7	8.81	8.588	8.13	27.0	8.41	2.88	4.18	2.08	1.28	1.12	7.33	34.8 E	7
8	8.88	8.288	8.44	17.8	8.11	2.88	4.00	2.03	1.23	1.14	30.8	44.2 E	8
8	8.18	8.088	8.10	13.8	4.78	2.48	3.74	1.88	1.18	1.12	147	38.0 E	8
10	7.32	4.888	8.31	12.2	4.48	2.34	3.41	2.34	1.10	1.17	78.3	18.8 E	10
11	8.81	4.808	20.1	12.8	4.11	2.20	3.28	2.48	1.07	2.03	28.8	13.2 E	11
12	8.76	4.418	24.7	11.8	4.08	2.28	3.11	2.18	1.08	4.28	17.0	10.4 E	12
13	18.4	4.208	18.4	12.0	3.83	2.27	3.02	2.27	1.08	4.18	11.0	8.00E	13
14	12.8	4.088	14.1	18.4	3.48	2.87	2.82	3.20	1.01	3.83	8.88	8.30E	14
15	8.84	3.888	11.7	18.1	3.80	2.40	2.88	2.81	0.998	3.08	7.78A	7.88E	15
18	11.7	3.878	10.8	8.78	3.48	2.22	2.88	2.88	1.03	2.48	7.88E	7.08E	18
17	18.0	3.788	10.4	8.87	3.83	2.28	3.00	2.24	1.18	2.82	10.4 E	8.42E	17
18	18.8	3.828	10.2	8.42	3.88	2.18	3.30	2.03	1.18	8.21	12.8 E	8.78E	18
18	14.4	3.838	8.84	8.14	3.48	2.27	3.18	1.81	1.10	8.38	38.8 E	8.21E	18
20	14.4	3.488	8.08	24.8	3.33	2.30	2.83	1.88	1.07	18.7	30.8 E	4.80E	20
21	14.4	8.87	11.8	14.8	3.08	2.30	2.81	2.22	1.05	23.8	24.8 E	4.88E	21
22	12.8	28.1	12.8	8.87	3.01	2.28	2.88	2.44	1.02	18.2	17.8 E	8.00E	22
23	10.7	28.8	11.1	7.83	3.08	2.18	2.88	2.42	0.998	17.8	14.8 E	8.08E	23
24	8.72	25.8	8.88	7.13	3.00	2.14	2.88	2.20	0.974	17.4	12.2 E	12.0 E	24
28	8.78	18.1	8.78	7.18	3.00	2.11	2.27	1.80	0.958	8.88	11.8 E	14.2 E	28
28	7.80	12.8	8.84	8.28	3.78	2.18	2.22	1.78	1.14	18.8	10.2 E	13.2 E	28
27	8.84	11.4	10.4	8.84	4.38	2.88	2.23	1.81	1.38	10.7	8.80E	14.1 E	27
28	8.88	10.4	11.1	8.84	3.82	2.78	2.14	1.83	1.33	7.80	11.4 E	13.1 E	28
28	24.8		11.8	8.88	3.83	2.84	2.12	1.80	1.21	8.88	22.2 E	12.2 E	28
30	88.2		11.2	8.48	3.88	3.30	2.07	1.44	1.18	8.88	13.8 E	10.4 E	30
31	82.4		11.4		3.47		2.02	1.40		8.38		11.2 E	31
TOTAL	484.87	257.38	338.18	388.88	137.28	78.80	100.00	88.81	35.378	184.048	842.81	882.08	TOTAL
MEAN	15.8	8.19	10.8	12.8	4.42	2.88	3.23	2.15	1.18	8.28	21.4	27.8	MEAN
MAX	88.2	28.8	24.7	31.8	12.8	3.38	8.87	3.20	1.81	23.8	147	188	MAX
MIN	8.81	3.48	8.83	8.48	3.00	2.11	2.02	1.40	0.958	0.998	4.87	4.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.73
MAXIMUM DAILY, 188E ON DEC 4
MINIMUM DAILY, 0.958 ON SEP 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 11 58 N
LONG 125 44 48 W
DRAINAGE AREA, 448 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	41 800	JUL	8 840
FEB	22 200	AUG	8 750
MAR	30 200	SEP	3 080
APR	31 800	OCT	18 800
MAY	11 800	NOV	88 800
JUN	8 810	DEC	73 800

TOTAL DISCHARGE, 307 000 dam³

SALMON RIVER ABOVE SALMON LAKE - STATION NO. 08LE075

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1438	0.0808	0.0548	0.0908	2.48	4.80	1.28	0.345	0.240	0.180	0.2888	0.3858	1
2	0.1308	0.0808	0.0588	0.0888	3.22	5.07	1.08	0.388	0.672	0.180	0.2858	0.3888	2
3	0.1338	0.0528	0.0608	0.0838	3.58	4.85	0.848	0.385	0.882	0.148	0.336A	0.3868	3
4	0.1358	0.0548	0.0668	0.0678	3.90	4.43	0.818	0.376	0.817	0.148	0.480A	0.3808	4
5	0.1288	0.0588	0.0788	0.0808	4.31	4.26	0.787	0.337	0.834	0.163	0.480A	0.3858	5
6	0.1208	0.0558	0.0808	0.1018	4.88	4.00	0.744	0.302	0.800	0.163	0.384A	0.3808	6
7	0.1138	0.0588	0.0848	0.1108	5.13	3.48	0.661	0.277	0.483	0.183	0.344A	0.3828	7
8	0.1138	0.0588	0.0878	0.1178	5.24	3.08	0.633	0.284	0.383	0.148	0.320A	0.3638	8
9	0.1158	0.0588	0.0888	0.1188	5.35	3.11	0.881	0.258	0.380	0.145	0.288A	0.3808	9
10	0.1188	0.0588	0.0878	0.1188	5.57	2.92	0.878	0.234	0.338	0.212	0.858A	0.3488	10
11	0.1198	0.0618	0.0898	0.1208	4.88	2.54	0.856	0.216	0.304	0.288	0.8008	0.3308	11
12	0.1218	0.0638	0.0948	0.1308	4.40	2.22	0.878	0.213	0.288	0.237	0.5408	0.3258	12
13	0.1138	0.0648	0.0888	0.1508	3.87	1.99	0.863	0.208	0.288	0.240	0.4808	0.3238	13
14	0.1088	0.0658	0.0888	0.2708	3.58	1.71	0.711	0.208	0.243	0.243	0.4408	0.3208	14
15	0.1078	0.0688	0.0648	0.438	3.38	1.78	1.22	0.234	0.231	0.208	0.4108	0.3208	15
16	0.1088	0.0808	0.0828	0.826	3.31	1.82	1.11	0.338	0.230	0.218	0.4048	0.3208	16
17	0.1088	0.0648	0.0788	0.888	3.30	1.53	0.923	0.828	0.263	0.178	0.4028	0.3158	17
18	0.1038	0.0808	0.0818	0.888	3.28	1.28	0.783	0.404	0.234	0.171	0.4038	0.2858	18
19	0.1008	0.0538	0.0858	0.777	2.94	1.18	0.724	0.408	0.237	0.187	0.4088	0.2708	19
20	0.1008	0.0628	0.0848	1.00	2.74	1.12	0.877	0.389	0.223	0.188	0.4128	0.2608	20
21	0.0988	0.0618	0.0888	1.31	2.82	1.04	0.852	0.311	0.218	0.188	0.4088	0.2808	21
22	0.0958	0.0808	0.0868	1.21	2.48	0.988	0.823	0.277	0.203	0.184	0.4078	0.2808	22
23	0.0838	0.0628	0.0878	1.10	2.84	0.843	0.878	0.243	0.193	0.188	0.4108	0.2458	23
24	0.0898	0.0648	0.0898	1.04	2.83	0.882	0.848	0.224	0.184	0.385	0.4158	0.2328	24
25	0.1018	0.0628	0.0888	1.03	2.84	0.844	0.813	0.222	0.183	0.361	0.4008	0.2288	25
26	0.1038	0.0588	0.0928	1.02	3.20	0.838	0.495	0.218	0.187	0.323	0.3808	0.2268	26
27	0.1048	0.0838	0.0878	1.05	4.02	0.788	0.484	0.211	0.188	0.318	0.3788	0.2238	27
28	0.1058	0.0598	0.0898	1.14	4.82	0.885	0.485	0.212	0.188	0.288A	0.3768	0.2258	28
29	0.1068		0.0828	1.38	4.47	0.868	0.430	0.214	0.184	0.281A	0.3758	0.2228	29
30	0.1208		0.0908	1.74	4.48	0.719	0.384	0.188	0.183	0.2858	0.3868	0.2188	30
31	0.1038		0.0838		4.71		0.363	0.248		0.2828		0.2128	31
TOTAL	3.478	1.848	2.817	17.888	118.38	88.020	21.848	8.821	8.907	8.888	12.233	8.178	TOTAL
MEAN	0.112	0.088	0.084	0.887	3.82	2.17	0.888	0.285	0.287	0.218	0.408	0.288	MEAN
MAX	0.143	0.080	0.088	1.74	5.57	5.07	1.28	0.528	0.882	0.388	0.800	0.388	MAX
MIN	0.083	0.080	0.084	0.087	2.48	0.885	0.383	0.188	0.183	0.148	0.288	0.212	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.787
MAXIMUM DAILY, 5.57 ON MAY 10
MINIMUM DAILY, 0.0508 ON FEB 2
MAXIMUM INSTANTANEOUS,
5.88 AT 14:32 PST ON MAY 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 17 20 N
LONG 118 57 30 W
DRAINAGE AREA, 143 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	300	JUL	1 870
FEB	142	AUG	782
MAR	226	SEP	770
APR	1 650	OCT	878
MAY	10 200	NOV	1 080
JUN	8 820	DEC	782

TOTAL DISCHARGE, 23 900 dam³

SALMON RIVER AT 72 AVENUE, LANGLEY - STATION NO. 08MH060

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.34	1.81 B	0.7608	3.38	0.488	0.888	0.321	0.182	0.180	0.184	0.401	1.12	1
2	3.65	0.8868	0.7308	5.22	0.486	0.842	0.318	0.188	0.148	0.188	0.377	1.78	2
3	8.42	0.7508	0.8408	2.82	0.482	0.482	0.303	0.182	0.143	0.180	4.14	4.84	3
4	5.31	0.8808	0.8908	3.28	0.488	0.481	0.288	0.181	0.141	0.188	10.8	11.8	4
5	2.83	0.8208	1.38	8.89	0.447	0.415	0.281	0.181	0.147	0.198	2.18	4.80	5
6	1.98	0.8808	2.88	4.48	0.480	0.388	0.233	0.184	0.138	0.188	3.43	5.28	6
7	1.48	0.8888	1.74	3.33	0.438	0.382	0.241	0.141	0.130	0.191	2.88	3.32	7
8	1.21	0.8508	1.48	1.74	0.430	0.380	0.231	0.148	0.123	0.183	4.84	8.88	8
9	2.01	0.8388	1.78	1.28	0.408	0.358	0.228	0.141	0.124	0.191	17.0	3.38	9
10	2.72	0.8158	2.18	0.971	0.414	0.348	0.223	0.144	0.137	0.231	28.8	1.88	10
11	1.88	0.8068	2.82	0.788	0.480	0.337	0.220	0.148	0.128	0.248	7.88	1.48	11
12	2.84	0.8008	4.82	0.723	0.404	0.318	0.210	0.142	0.132	0.318	4.88	1.20	12
13	4.28	0.4908	5.00	0.680	0.380	0.309	0.203	0.181	0.138	0.488	2.89	1.03	13
14	2.88	0.4808	2.78	0.808	0.345	0.488	0.203	0.457	0.138	0.458	2.08	0.888	14
15	8.82	0.4808	1.84	0.888	0.328	0.381	0.198	0.381	0.127	0.322	1.83	0.820	15
16	17.8	0.8008	1.24	0.882	0.321	0.338	0.200	0.308	0.134	0.270	1.37	0.778	16
17	7.24	0.8208	1.10	0.891	0.482	0.348	0.221	0.267	0.188	0.238	1.40	0.738	17
18	13.6	0.882	1.48	0.848	0.412	0.348	0.219	0.183	0.142	0.238	1.32	0.848	18
19	3.80	0.838	1.28	0.818	0.815	0.388	0.208	0.183	0.142	0.288	1.43	0.730	19
20	2.80	0.834	0.857	0.771	0.887	0.440	0.201	0.203	0.148	0.251	8.13	1.23	20
21	2.30	1.18	2.08	1.18	0.478	0.372	0.188	0.874	0.182	0.318	8.13	1.14	21
22	1.87	4.88	1.77	0.773	0.408	0.347	0.181	0.448	0.182	0.407	3.28	1.04	22
23	1.81	3.88	1.22	0.874	0.884	0.314	0.180	0.307	0.188	0.788	2.38	0.872	23
24	1.34	3.48	0.881	0.811	2.28	0.305	0.188	0.248	0.188	1.88	3.78	0.883	24
25	1.22	1.88	3.08	0.888	1.18	0.284	0.188	0.220	0.147	0.808	8.01	0.781	25
26	1.28	1.38	3.04	0.884	1.87	0.282	0.171	0.188	0.188	2.80	3.28	0.888	26
27	1.33	1.28	4.11	0.870	7.48	0.318	0.170	0.187	0.178	1.84	3.28	0.717	27
28	1.18	1.18	3.20	0.888	3.38	0.330	0.173	0.171	0.178	0.808	1.78	0.788	28
29	1.14		4.08	0.844	1.48	0.313	0.182	0.181	0.188	0.884	1.37	0.741	29
30	2.88		2.78	0.811	0.878	0.285	0.158	0.188	0.171	0.813	1.14	1.04	30
31	3.28		3.18		0.858		0.148	0.158		0.488		1.04	31
TOTAL	113.04	32.731	88.838	48.381	28.828	11.188	6.832	8.874	4.388	18.884	130.388	84.888	TOTAL
MEAN	3.88	1.17	2.18	1.58	0.882	0.372	0.214	0.282	0.147	0.811	4.28	2.09	MEAN
MAX	17.8	4.88	5.00	8.89	7.48	0.588	0.321	0.874	0.178	2.80	28.8	11.8	MAX
MIN	1.14	0.480	0.880	0.811	0.321	0.282	0.148	0.141	0.123	0.184	0.377	0.888	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.45
MAXIMUM DAILY, 28.8 ON NOV 10
MINIMUM DAILY, 0.123 ON SEP 8
MAXIMUM INSTANTANEOUS,
38.9 AT 03:37 PST ON NOV 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 02 N
LONG 122 38 40 W
DRAINAGE AREA, 48.0 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 770	JUL	573
FEB	2 830	AUG	884
MAR	5 788	SEP	360
APR	4 810	OCT	1 370
MAY	2 880	NOV	11 300
JUN	884	DEC	8 800

TOTAL DISCHARGE, 48 700 dam³

SALMON RIVER AT FALKLAND - STATION NO. 08LE020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.7808	0.8008	0.7308	0.813	10.0	12.5	3.31	1.03	1.43	0.871	1.17	1.28	1
2	0.7808	0.8008	0.7508	0.805	10.5	11.9	3.21	1.27	2.64	1.03	1.20	1.38	2
3	0.8208	0.8208	0.7308	0.775	11.0	11.3	2.85	1.50	2.33	1.01	1.41	1.39	3
4	0.8108	0.8608	0.7208	0.827	11.1	10.6	2.24	1.34	1.83	1.02	2.82	1.37	4
5	0.7808	0.8008	0.7808	0.883	11.4	9.85	2.04	1.11	1.90	1.01	2.17	1.38	5
6	0.7808	0.8408	0.8308	0.841	11.4	8.81	1.94	0.891	1.72	0.888	1.84	1.37	6
7	0.7408	0.8408	0.8008	0.883	12.1	7.84	1.83	0.885	1.56	1.02	1.75	1.33	7
8	0.7308	0.8308	0.7708	0.818	12.5	8.62	1.82	0.853	1.48	0.890	1.88	1.38	8
9	0.7208	0.8408	0.8108	0.878	13.8	8.36	1.82	0.834	1.42	0.870	2.10	1.40	9
10	0.7408	0.8508	0.8508	0.890	15.3	8.02	1.87	0.829	1.38	1.07	2.82	1.29	10
11	0.7888	0.8608	0.8508	0.854	14.8	8.37	1.87	0.890	1.31	1.23	2.80	1.04	11
12	0.8008	0.7208	0.8308	1.18	13.6	4.82	1.48	0.888	1.28	1.18	2.35	1.33	12
13	0.8508	0.7708	0.8208	1.45	12.4	4.48	1.32	0.883	1.25	1.34	2.01	1.34	13
14	0.7808	0.7808	0.8198	2.03	11.4	4.50	1.33	0.890	1.21	1.38	1.98	1.28	14
15	0.7908	0.8208	0.8188	2.82	10.3	4.65	4.45	1.04	1.17	1.26	1.85	1.27	15
16	0.8408	0.8008	0.817A	3.20	9.47	4.10	4.24	1.38	1.14	1.19	1.82	1.25	16
17	0.8808	0.7908	0.788	3.38	8.41	3.86	3.18	1.81	1.21	1.17	1.58	1.26	17
18	0.8708	0.8008	0.763	3.41	10.0	3.31	2.47	1.34	1.28	1.18	1.87	1.18	18
19	0.8808	0.8208	0.786	4.47	9.92	3.43	2.18	1.43	1.17	1.18	1.88	1.17	19
20	0.8808	0.8408	0.830	5.81	9.84	3.32	1.97	1.32	1.14	1.13	1.72	1.17	20
21	0.8808	0.8208	0.888	8.98	9.22	3.09	1.80	1.28	1.10	1.14	1.74	1.12	21
22	0.8208	0.8008	0.881	7.05	8.57	2.85	1.87	1.24	1.07	1.17	1.88	1.18	22
23	0.7808	0.8808	0.873	8.73	8.11	2.84	1.84	1.18	1.02	1.21	1.85	1.20	23
24	0.8308	0.8108	0.884	8.40	10.2	2.42	1.42	1.15	1.02	1.44	1.48	1.25	24
25	0.8308	0.8708	0.918	8.80	11.0	2.30	1.24	1.12	1.03	1.42	1.48	1.27	25
26	0.8508	0.8408	0.867	8.78	10.9	2.28	1.22	1.14	0.885	1.38	1.38	1.23	26
27	0.8808	0.8808	1.02	8.88	11.8	2.18	1.24	1.28	1.00	1.48	1.36	1.22	27
28	0.8208	0.8008	1.02	7.48	12.4	2.09	1.22	1.18	1.02	1.35	1.40	1.24	28
29	0.8008		0.982	8.35	12.8	2.04	1.10	1.11	0.887	1.28	1.34	1.22	29
30	1.40 B		0.867	9.22	13.6	2.28	1.05	1.07	0.884	1.23	1.38	1.22	30
31	1.00 B		0.851		13.2		1.04	1.28		1.19		1.21	31
TOTAL	26.088	20.780	26.033	108.878	383.04	186.89	80.89	35.704	40.088	38.507	52.15	39.18	TOTAL
MEAN	0.842	0.741	0.840	3.87	11.4	5.23	1.86	1.15	1.34	1.18	1.74	1.26	MEAN
MAX	1.40	0.810	1.02	8.22	15.3	12.5	4.45	1.81	2.64	1.46	2.82	1.40	MAX
MIN	0.720	0.800	0.720	0.775	8.57	2.04	1.04	0.883	0.884	0.870	1.17	1.04	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.82
MAXIMUM DAILY, 15.3 ON MAY 10
MINIMUM DAILY, 0.800B ON FEB 2
MAXIMUM INSTANTANEOUS,
15.4 AT 17:00 PST ON MAY 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 28 55 N
LONG 119 33 30 W
DRAINAGE AREA, 1 040 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 250	JUL	5 280
FEB	1 790	AUG	3 080
MAR	2 250	SEP	3 480
APR	3 600	OCT	3 150
MAY	30 800	NOV	4 510
JUN	13 800	DEC	3 390

TOTAL DISCHARGE, 82 700 dam³

SALMON RIVER NEAR PRINCE GEORGE - STATION NO. 08KC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.308	3.958	4.038	8.808	132	24.4	7.25	3.68	3.33	2.57	5.848	8.258	1
2	5.178	3.808	4.018	10.3 B	131	23.6	7.28	4.02	3.18	2.84	5.83	8.608	2
3	5.188	3.808	4.068	11.8 B	130	21.7	6.88	4.36	3.11	2.85	6.17	9.308	3
4	5.248	3.828	4.178	12.7 B	128	19.9	6.18	4.18	3.04	2.84	6.48	9.708	4
5	5.358	3.868	4.308	13.2 B	123	18.7	5.81	3.82	2.98	2.83	6.88	9.808	5
6	4.888	3.898	4.508	14.0 B	118	17.2	5.25	3.84	2.90	2.84	6.88	9.858	6
7	4.258	4.028	4.788	14.8 B	113	16.7	5.18	3.76	2.77	2.98	8.238	9.808	7
8	4.178	4.048	4.888	15.8 B	107	15.8	5.44	3.61	2.72	3.10	8.388	9.758	8
9	4.208	4.188	4.868	16.4 B	102	14.8	5.71	3.37	2.83	3.18	8.658	9.708	9
10	4.408	4.238	4.858	16.8 B	84.4	14.4	5.84	3.45	2.58	3.20	8.808	9.808	10
11	4.588	4.308	4.878	17.7 B	88.3	13.7	5.25	3.38	2.68	3.31	8.388	10.0 B	11
12	4.608	4.388	4.828	18.5 B	83.0	13.1	5.19	3.38	2.48	3.38	8.078	10.3 B	12
13	4.578	4.408	4.848	20.0 B	77.5	12.7	5.00	3.34	2.44	3.38	8.028	10.4 B	13
14	4.528	4.358	4.828	22.4 B	71.5	12.8	5.87	3.88	2.35	3.40	8.008	10.5 B	14
15	4.588	4.238	5.018	27.2 B	84.7	12.1	5.46	3.03	2.18	3.47	8.078	10.5 B	15
16	4.918	4.188	5.088	33.8 B	87.7	11.8	5.44	2.88	2.31	3.60	8.258	10.3 B	16
17	4.788	4.088	5.058	38.7 B	82.4	10.8	5.13	2.47	2.24	3.48	8.858	10.1 B	17
18	4.688	4.018	5.008	47.3 B	81.0	10.7	4.84	2.58	2.24	3.88	7.058	9.858	18
19	4.628	4.008	4.958	60.0 B	84.8	10.2	4.72	2.71	2.31	3.85	7.288	9.858	19
20	4.788	4.018	4.878	78.7 B	93.8	8.93	4.31	2.92	2.41	3.72	7.858	9.858	20
21	4.728	4.038	4.828	101	48.8	8.85	4.18	2.81	2.38	3.88	7.878	9.808	21
22	4.788	4.158	4.808	111	47.4	8.15	4.08	2.84	2.38	4.24	7.858	10.2 B	22
23	4.838	4.188	4.788	118	44.8	8.84	4.11	2.41	2.31	4.40	7.828	11.1 B	23
24	5.088	4.228	4.808	124	41.8	8.88	4.11	2.74	2.28	4.81	7.488	12.5 B	24
25	5.188	4.218	4.878	128	38.8	8.48	4.01	2.84	2.40	4.87	7.388	14.8 B	25
26	5.218	4.188	5.038	127	38.0	7.48	3.78	3.81	2.47	4.88	7.228	17.5 B	26
27	5.188	4.178	5.288	126	38.8	7.13	3.70	3.71	2.82	5.08	7.208	19.5 B	27
28	4.908	4.088	5.758	128	36.4	7.27	3.84	3.74	2.48	5.18	7.278	20.3 B	28
29	4.658		6.308	129	32.2	7.50	3.81	3.65	2.87	5.15	7.708	20.5 B	29
30	4.288		6.858	130	28.4	7.38	4.02	3.85	2.87	5.29	8.038	20.5 B	30
31	4.088		7.488		26.8		4.28	3.42		5.888		20.3 B	31
TOTAL	147.48	115.18	154.78	1 731.60	2 249.8	385.83	183.78	108.18	77.00	117.00	203.73	372.80	TOTAL
MEAN	4.78	4.11	4.99	57.4	72.8	12.9	5.38	3.42	2.67	3.77	6.78	12.0	MEAN
MAX	5.38	4.40	7.48	130	132	24.4	7.28	4.36	3.33	5.88	8.05	20.5	MAX
MIN	4.08	3.80	4.01	8.80	26.8	7.13	3.81	3.47	2.18	2.87	5.84	8.38	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.8
MAXIMUM DAILY, 132 ON MAY 1
MINIMUM DAILY, 2.18 ON SEP 15
MAXIMUM INSTANTANEOUS,
133 AT 17:58 PST ON MAY 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 05 48 N
LONG 122 40 41 W
DRAINAGE AREA, 4 300 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	12 700	JUL	14 200
FEB	9 880	AUG	9 170
MAR	13 400	SEP	5 880
APR	148 000	OCT	10 100
MAY	184 000	NOV	17 600
JUN	33 300	DEC	32 200

TOTAL DISCHARGE, 602 000 dam³

SALMON RIVER NEAR SALMON ARM - STATION NO. 08LE031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.388	1.30 B	1.188	2.03	20.3	17.9	5.30	1.48	2.47	1.85	1.85	2.18	1
2	1.398	0.7808	1.258	2.01	22.8	16.9	5.30	1.70	4.47	1.83	1.83	2.17	2
3	1.448	0.8008	1.328	1.88	23.0	15.7	4.88	2.07	4.35	1.88	2.08	2.29	3
4	1.458	0.8208	1.428	1.85	23.4	14.5	4.07	2.09	3.58	1.88	3.83	2.31	4
5	1.488	0.8308	1.628	2.17	24.4	13.3	3.80	1.83	3.82	1.89	4.18	2.26	5
6	1.438	0.8508	1.858	2.53	25.8	12.0	3.28	1.85	3.16	1.87	3.47	2.21	6
7	1.428	0.8788	1.788	2.48	25.7	10.8	3.05	1.80	2.85	1.87	3.17	2.22	7
8	1.398	0.8908	2.008	2.41	25.0	9.88	2.85	1.44	2.82	1.85	2.82	2.26	8
9	1.378	0.8108	1.978	2.28	25.4	9.07	2.86	1.51	2.44	1.84	3.33	2.31	9
10	1.378	0.8408	2.408	2.21	26.0	8.57	2.86	1.39	2.31	1.71	4.88	2.23	10
11	1.388	0.8708	2.888	2.28	25.5	7.83	2.88	1.31	2.28	1.82	4.91	2.03	11
12	1.378	1.01 B	2.888	2.48	22.2	7.18	2.82	1.33	2.17	1.88	4.02	2.01	12
13	1.338	1.04 B	2.808	2.67	19.9	6.82	2.37	1.33	2.10	1.98	3.80	2.12	13
14	1.328	1.08 B	2.458	2.48	18.3	6.80	2.26	1.29	2.01	2.04	3.21	2.08	14
15	1.318	1.14 B	2.388	4.83	18.7	6.80	5.15	1.87	1.97	1.89	2.83	2.04	15
16	1.348	1.17 B	2.38A	5.81	18.0	6.48	7.08	2.08	1.87	1.82	2.70	2.05	16
17	1.388	1.18 B	2.10	5.80	16.8	5.98	5.40	2.48	2.03	1.88	2.89	2.08	17
18	1.378	1.18 B	1.84	5.89	17.2	5.80	4.38	2.37	2.02	1.84	2.82	1.88	18
19	1.388	1.20 B	1.81	5.88	16.1	5.78	3.78	2.28	2.00	1.83	2.83	1.80	19
20	1.378	1.27 B	1.83	9.10	15.8	5.72	3.30	2.21	1.88	1.83	2.81	1.92	20
21	1.328	1.33 B	2.12	11.5	14.8	5.38	2.80	2.04	1.85	1.84	2.83	1.84	21
22	1.308	1.40 B	2.20	11.8	13.8	5.07	2.84	2.00	1.81	1.88	2.88	1.94	22
23	1.238	1.48 B	2.11	11.4	14.4	4.89	2.43	1.95	1.78	1.87	2.84	1.94	23
24	1.228	1.57 B	2.03	11.0	15.1	4.36	2.22	1.85	1.73	2.31	2.49	1.87	24
25	1.278	1.50 B	2.23	11.3	17.2	4.09	2.02	1.78	1.76	2.34	2.45	2.08	25
26	1.308	1.33 B	2.37	11.7	17.1	3.88	1.88	1.83	1.72	2.32	2.42	1.88	26
27	1.358	1.35 B	2.48	12.3	17.7	3.80	1.91	1.83	1.68	2.38	2.32	1.87	27
28	1.408	1.28 B	2.41	13.2	18.3	3.83	1.88	1.81	1.70	2.25	2.32	1.88	28
29	1.448		2.38	15.3	18.0	3.81	1.80	1.83	1.88	2.13	2.28	1.84	29
30	2.208		2.28	17.4	18.4	3.84	1.88	1.81	1.88	2.05	2.25	1.84	30
31	1.808		2.11		18.8		1.88	2.15		2.02		1.83	31
TOTAL	43.28	31.458	83.83	197.81	612.1	235.25	99.72	55.88	69.54	59.13	88.33	64.18	TOTAL
MEAN	1.40	1.12	2.68	6.59	19.7	7.84	3.22	1.80	2.32	1.91	2.84	2.07	MEAN
MAX	2.20	1.57	2.88	17.4	26.0	17.9	7.08	2.48	4.47	2.38	4.91	2.31	MAX
MIN	1.22	0.780	1.18	1.85	13.8	3.81	1.88	1.23	1.68	1.84	1.83	1.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.44
MAXIMUM DAILY, 26.0 ON MAY 10
MINIMUM DAILY, 0.7808 ON FEB 2
MAXIMUM INSTANTANEOUS,
30.6 AT 14:15 PST ON MAY 10

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 41 35 N
LONG 119 18 40 W
DRAINAGE AREA, 1 510 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 740	JUL	8 620
FEB	2 720	AUG	4 830
MAR	5 520	SEP	5 010
APR	17 100	OCT	5 110
MAY	52 900	NOV	7 630
JUN	20 300	DEC	5 540

TOTAL DISCHARGE, 140 000 dam³

SALMON RIVER NEAR SAYWARD - STATION NO. 08HD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.2E	86.5	29.8	53.5	101	67.5	34.8	11.0	7.42	4.14	25.6	71.8	1
2	20.1E	86.4	26.3	57.0	93.0	68.1	83.1	17.6	7.40	4.02	23.2	426	2
3	39.7A	86.4	23.3	47.3	82.7	82.7	47.8	15.8	6.84	3.91	48.6	487	3
4	83.8E	47.0	24.0	42.2	80.7	88.1	38.4	12.8	6.77	3.98	182	434	4
5	44.2E	42.0	27.4	48.8	81.6	88.8	37.8	11.4	8.42	4.38	81.7	180	5
6	30.6E	37.1	35.3	118	103	48.7	32.8	10.8	8.20	4.48	58.2	127	6
7	26.2E	33.2	31.6	127	92.4	38.4	27.7	10.1	6.77	4.82	84.4	214	7
8	26.8E	30.6	28.1	82.7	82.2	34.0	28.4	9.81	6.80	4.48	128	191	8
9	24.7E	28.1	28.5	85.6	71.8	32.1	24.0	9.08	6.18	4.48	433	112	9
10	22.8E	26.4	33.0	82.4	67.6	31.3	20.7	8.63	4.83	4.83	382	80.6	10
11	22.2E	26.0	78.2	77.4	48.7	31.1	21.4	9.82	4.34	7.71	140	61.6	11
12	25.8E	24.2	106	61.6	38.3	32.5	20.1	9.06	4.27	13.4	78.1	48.5	12
13	32.3E	23.6	75.6	64.6	37.3	18.3	9.48	8.20	4.20	12.8	86.2	43.2	13
14	28.2E	22.2	68.4	127	36.2	82.8	18.1	11.8	4.12	11.6	46.6	41.0A	14
15	26.6E	21.2	48.3	120	44.8	35.9	16.6	11.1	3.84	10.5	39.5	39.8E	15
16	40.0E	21.0	42.7	78.8	51.0	27.2	17.7	10.1	3.98	8.11	36.1	37.8E	16
17	50.6E	19.8	40.8	64.6	47.6	24.1	28.7	8.23	4.40	10.6	42.8	38.0E	17
18	56.1E	19.4	38.2	66.9	38.0	24.7	25.7	8.46	4.41	58.0	48.6	34.4E	18
19	45.7E	18.8	37.2	64.1	31.7	26.6	23.1	8.18	3.88	53.4	127	32.8E	19
20	44.0E	18.3	36.4	171	29.0	26.6	19.2	8.62	4.03	118	107	31.6E	20
21	48.8E	20.7	46.3	130	27.8	22.7	17.0	11.8	3.80	148	88.7	32.7E	21
22	36.1E	68.7	51.4	62.6	27.6	24.0	14.8	11.8	3.89	93.3	82.8	37.2E	22
23	31.8E	86.4	46.6	72.1	26.6	26.1	13.2	10.6	3.94	122	81.3	46.6E	23
24	30.0E	84.6	40.6	86.6	28.0	24.7	12.6	8.96	3.73	126	81.1	84.6E	24
25	28.8E	80.2	37.6	71.2	27.6	26.4	11.9	8.16	3.84	71.3	81.3	81.8E	25
26	28.2E	46.6	38.4	78.4	41.1	22.8	11.6	7.65	4.52	116	48.6	84.0E	26
27	26.6E	36.6	47.4	80.6	63.6	19.8	11.2	8.86	4.86	73.6	48.6	84.7E	27
28	110 E	33.6	62.6	76.6	47.9	18.6	10.7	8.82	4.82	61.3	134	44.2E	28
29	184 E		61.3	68.3	48.6	20.3	10.6	8.86	4.63	38.3	187	43.0E	29
30	230 A		49.6	88.1	64.4	24.8	9.86	8.73	4.21	33.1	80.4	39.6E	30
31	233		62.6		80.2		9.80	8.82		30.2		80.6E	31
TOTAL	1 851.2	1 148.2	1 367.3	2 803.2	1 702.2	1 043.2	680.08	308.33	145.82	1 247.48	2 922.3	3 248.8	TOTAL
MEAN	53.3	41.0	43.8	83.4	54.8	34.8	22.3	9.88	4.88	40.2	97.4	105	MEAN
MAX	233	86.6	106	171	103	67.5	83.1	17.6	7.42	148	433	487	MAX
MIN	20.1	18.3	23.3	42.2	27.6	18.6	9.80	6.73	3.80	3.91	23.2	31.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 49.2
MAXIMUM DAILY, 487 ON DEC 3
MINIMUM DAILY, 3.80 ON SEP 21
MAXIMUM INSTANTANEOUS,
874 AT 20:54 PST ON DEC 3

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 18 24 N
LONG 125 53 50 W
DRAINAGE AREA, 1 200 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	143 000	JUL	59 800
FEB	85 200	AUG	26 600
MAR	117 000	SEP	12 800
APR	218 000	OCT	108 000
MAY	147 000	NOV	252 000
JUN	90 100	DEC	281 000

TOTAL DISCHARGE, 1 550 000 dam³

SAN JOSE RIVER ABOVE BORLAND CREEK - STATION NO. 08MC040

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1208	0.0288	0.0358	0.5808	0.083	0.088	0.027	0.121	0.087	0.018	0.144	0.4488	1
2	0.1108	0.0238	0.0348	0.5008	0.041	0.081	0.022	0.321	0.081	0.018	0.140	0.4808	2
3	0.1208	0.0218	0.0298	0.4808	0.041	0.048	0.018	0.808	0.087	0.013	0.263	0.5008	3
4	0.1258	0.0208	0.0488	0.5008	0.078	0.041	0.018	0.188	0.080	0.013	0.414	0.5808	4
5	0.1308	0.0208	0.0588	0.4808	0.088	0.042	0.018	0.131	0.083	0.011	0.438	0.5108	5
6	0.1008	0.0318	0.0858	0.4278	0.103	0.034	0.020	0.088	0.084	0.011	0.428	0.4708	6
7	0.0848	0.0228	0.0708	0.3808	0.083	0.043	0.021	0.087	0.042	0.011	0.381	0.4308	7
8	0.0888	0.0238	0.0708	0.4008	0.076	0.042	0.018	0.071	0.028	0.008	0.414	0.4008	8
9	0.0848	0.0248	0.0888	0.3808	0.042	0.027	0.017	0.132	0.020	0.010	0.868	0.3808	9
10	0.0808	0.0288	0.0828	0.2858	0.050	0.028	0.018	0.104	0.025	0.015	0.571	0.3908	10
11	0.0888	0.0288	0.0808	0.232	0.083	0.024	0.013	0.083	0.024	0.018	0.801	0.3908	11
12	0.0858	0.0278	0.0828	0.230	0.074	0.021	0.014	0.083	0.021	0.018	0.423	0.3308	12
13	0.0868	0.0288	0.0788	0.188	0.088	0.011	0.013	0.107	0.024	0.022	0.381	0.3008	13
14	0.0748	0.0288	0.0868	0.177	0.057	0.012	0.012	0.081	0.022	0.024	0.382	0.2808	14
15	0.0888	0.0308	0.0908	0.144	0.083	0.084	0.008	0.110	0.022	0.030	0.3308	0.2858	15
16	0.0808	0.0288	0.0888	0.113	0.088	0.088	0.008	0.171	0.027	0.028	0.3208	0.2808	16
17	0.0858	0.0288	0.0828	0.081	0.057	0.083	0.004	0.248	0.021	0.036	0.3288	0.2788	17
18	0.0858	0.0278	0.0808	0.028	0.056	0.083	0.008	0.173	0.018	0.052	0.336	0.2708	18
19	0.0588	0.0308	0.0818	0.035	0.123	0.082	0.008	0.158	0.015	0.038	0.488	0.2858	19
20	0.0808	0.0338	0.0858	0.028	0.188	0.044	0.008	0.088	0.018	0.017	0.4888	0.2708	20
21	0.0588	0.0378	0.0988	0.018	0.148	0.031	0.008	0.087	0.018	0.014	0.4888	0.3008	21
22	0.0588	0.0428	0.1108	0.043	0.112	0.037	0.008	0.148	0.018	0.010	0.4808	0.3308	22
23	0.0488	0.0488	0.1208	0.042	0.088	0.088	0.007	0.183	0.017	0.014	0.4808	0.3808	23
24	0.0488	0.0488	0.1408	0.033	0.098	0.044	0.008	0.184	0.017	0.022	0.4588	0.4308	24
25	0.0488	0.0428	0.1808	0.028	0.088	0.028	0.008	0.188	0.014	0.040	0.4588	0.4808	25
26	0.0518	0.0388	0.1858	0.022	0.088	0.026	0.004	0.188	0.014	0.050	0.4808	0.4708	26
27	0.0508	0.0388	0.2308	0.028	0.083	0.033	0.004	0.148	0.012	0.0508	0.4708	0.4808	27
28	0.0488	0.0378	0.3008	0.028	0.085	0.037	0.004	0.128	0.012	0.0808	0.4808	0.4708	28
29	0.0478		0.3508	0.033	0.080	0.044	0.003	0.103	0.018	0.0748	0.4858	0.4858	29
30	0.0408		0.4008	0.108	0.084	0.034	0.002	0.081	0.018	0.0808	0.4808	0.4808	30
31	0.0338		0.5008		0.078		0.040	0.083		0.1208		0.4858	31
TOTAL	2.303	0.839	3.828	5.818	2.808	1.261	0.388	4.884	0.836	0.885	12.231	12.240	TOTAL
MEAN	0.074	0.030	0.127	0.187	0.081	0.042	0.013	0.151	0.031	0.031	0.408	0.385	MEAN
MAX	0.135	0.045	0.500	0.850	0.188	0.083	0.040	0.808	0.087	0.120	0.871	0.580	MAX
MIN	0.033	0.020	0.035	0.018	0.041	0.011	0.002	0.087	0.012	0.008	0.140	0.285	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.132
MAXIMUM DAILY, 0.808 ON AUG 3
MINIMUM DAILY, 0.002 ON JUL 30
MAXIMUM INSTANTANEOUS,
0.742 AT 10:38 PST ON AUG 3

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 04 30 N
LONG 121 58 37 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	188	JUL	31.8
FEB	72.8	AUG	405
MAR	338	SEP	80.8
APR	511	OCT	82.5
MAY	217	NOV	1 080
JUN	108	DEC	1 080

TOTAL DISCHARGE, 4 170 dam³

SAN JUAN RIVER NEAR PORT RENFREW - STATION NO. 08HA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	88.8	83.4A	25.0E	127 E	28.3	6.38	22.2	2.25	1.62	1.08	18.8	35.0	1
2	84.2	83.0E	23.8E	97.0E	23.7	8.03	25.4	2.30	1.62	1.08	15.1	83.4	2
3	276	43.0E	20.8E	76.0E	21.8	7.32	18.2	2.28	1.78	1.05	40.8	238	3
4	148	29.0E	20.0E	83.8A	21.8	8.88	16.0	2.18	1.88	1.04	83.1	558	4
5	78.4	24.0E	73.0E	188	21.8	8.78	11.8	2.08	1.81	1.08	40.0	152	5
6	58.1	22.7E	70.0E	181	23.0	8.13	9.10	2.05	1.88	1.18	80.1	118	6
7	47.4	21.0E	88.0E	151	20.7	4.88	7.70	2.00	1.82	1.18	84.2	101	7
8	41.8	18.4E	83.0E	83.3	18.3	4.13	6.84	1.93	1.48	1.18	228	181	8
9	46.3	18.3E	81.0E	84.2	16.8	3.88	5.72	1.88	1.44	1.21	473	88.3	9
10	43.0	17.1E	88.0E	88.8	13.8	3.71	8.17	1.83	1.37	1.22	445	88.8	10
11	38.8	16.2E	108 E	84.4	12.4	3.88	4.77	1.80	1.33	18.2	112	62.2	11
12	82.8	15.0E	118 E	83.4	11.1	3.40	4.38	1.78	1.30	28.5	70.1	41.8	12
13	142	14.1E	97.0E	82.2	8.38	3.28	4.08	1.74	1.28	15.8	88.3	38.0	13
14	74.7	13.4E	81.0E	88.1	8.78	4.88	3.78	1.74	1.27	13.3	87.3	33.1	14
15	88.8	13.2E	33.0E	81.8	8.18	4.12	3.87	1.78	1.26	7.80	44.8	28.7	15
16	404	13.0E	27.8E	38.8	8.72	3.42	3.84	1.78	1.28	5.30	38.8	26.8	16
17	287	13.0E	24.0E	33.4	11.0	3.28	4.30	1.76	1.28	4.17	42.2	24.8	17
18	280	17.1E	20.8E	31.8	13.7	4.28	4.26	1.73	1.23	5.28	37.1	23.3	18
19	108	21.1E	19.8E	36.8	11.7	5.87	3.73	1.68	1.21	11.8	51.1	21.8	19
20	77.4	20.8E	18.0E	48.1	8.81	8.28	3.48	1.87	1.18	18.1	87.0	22.4	20
21	73.0	85.0E	34.0E	42.2	8.24	8.11	3.30	2.87	1.17	84.5	88.8	22.0	21
22	88.0	138 E	82.0E	31.8	7.47	4.78	3.13	4.78	1.17	88.1	46.3	21.2	22
23	47.8	80.0E	48.0E	28.7	7.37	3.81	2.97	3.81	1.14	88.0	87.7	21.7	23
24	40.8	88.0E	38.0E	27.4	7.82	3.83	2.80	3.30	1.13	88.4	78.8	24.2	24
25	37.8	43.0E	28.0E	26.4	7.18	3.15	2.87	2.74	1.10	48.8	70.3	21.8	25
26	36.5	33.0E	70.0E	26.8	11.8	2.85	3.81	2.41	1.07	104	88.2	20.8	26
27	44.7	28.0E	133 E	26.0	14.8	2.73	3.48	3.20	1.08	81.3	84.0	19.8	27
28	36.2	26.8E	100 E	24.4	14.1	3.87	3.40	3.07	1.10	37.4	88.5	14.8	28
29	48.1		83.0E	28.8	13.4	3.28	3.36	1.88	1.08	27.2	47.1	17.0	29
30	181 A		73.0E	38.8	10.4	3.88	2.28	1.88	1.08	22.8	38.8	18.7	30
31	188 A		83.0E		8.87		2.22	1.88		18.8		20.2	31
TOTAL	3 203.8	883.4	1 788.8	1 880.8	435.24	138.88	188.78	87.85	38.78	804.30	2 887.7	2 131.2	TOTAL
MEAN	103	34.4	87.7	82.0	13.7	4.88	8.32	2.18	1.33	25.8	88.8	88.7	MEAN
MAX	404	138	133	181	28.3	8.28	25.4	4.78	1.82	104	473	558	MAX
MIN	36.8	13.0	18.0	24.4	7.18	2.73	2.22	1.87	1.07	1.04	18.1	14.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 38.1
MAXIMUM DAILY, 558 ON DEC 4
MINIMUM DAILY, 1.04 ON OCT 4
MAXIMUM INSTANTANEOUS,
568 AT 04:58 PST ON DEC 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 34 38 N
LONG 124 17 48 W
DRAINAGE AREA, 580 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	277 000	JUL	16 800
FEB	83 200	AUG	8 880
MAR	188 000	SEP	3 440
APR	181 000	OCT	88 800
MAY	38 700	NOV	230 000
JUN	12 100	DEC	184 000

TOTAL DISCHARGE, 1 230 000 dam³

SANDY CREEK ABOVE RELKOFF DIVERSION - STATION NO. 08NJ167

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.041	0.550	0.470E	0.285E	0.078	0.088	0.083	0.088	---	1
2	---	---	---	0.043	0.801	0.505E	0.256E	0.082	0.103	0.088	0.088	---	2
3	---	---	---	0.045	0.898	0.540E	0.235E	0.082	0.095	0.084	0.082A	---	3
4	---	---	---	0.044	0.814	0.575E	0.225E	0.078	0.089	0.053	---	---	4
5	---	---	---	0.049	0.880	0.561E	0.210E	0.073	0.104	0.083	---	---	5
6	---	---	---	0.060	0.838	0.562A	0.200E	0.070	0.081	0.081	---	---	6
7	---	---	---	0.069	0.834	0.560	0.183E	0.065	0.084	0.082	---	---	7
8	---	---	---	0.070	0.870	0.542	0.185E	0.073	0.085	0.050	---	---	8
9	---	---	---	0.072	0.878	0.531	0.204E	0.127	0.084	0.050	---	---	9
10	---	---	---	0.073	1.03	0.500	0.182E	0.088	0.078	0.080	---	---	10
11	---	---	---	0.074	1.01	0.487	0.178E	0.078	0.075	0.048	---	---	11
12	---	---	---	0.078	0.900	0.442	0.172E	0.068	0.073	0.050	---	---	12
13	---	---	---	0.087	0.887	0.428	0.164E	0.089	0.071	0.059	---	---	13
14	---	---	---	0.138	0.847	0.435	0.158E	0.078	0.069	0.061	---	---	14
15	---	---	---	0.208	0.822	0.430A	0.150E	0.068	0.068	0.052	---	---	15
16	---	---	---	0.218	0.824	0.435E	0.143E	0.069	0.068	0.049	---	---	16
17	---	---	---	0.247	0.823	0.460E	0.138A	0.067	0.068	0.047	---	---	17
18	---	---	---	0.288	0.817A	0.410E	0.132	0.078	0.070	0.052	---	---	18
19	---	---	---	0.368	0.830E	0.390E	0.121	0.071	0.067	0.051	---	---	19
20	---	---	---	0.448	0.480E	0.402E	0.114	0.073	0.064	0.053	---	---	20
21	---	---	---	0.573	0.445E	0.370E	0.108	0.153	0.063	0.089	---	---	21
22	---	---	---	0.577	0.438E	0.388E	0.105	0.128	0.062	0.074	---	---	22
23	---	---	---	0.504	0.425E	0.377E	0.102	0.107	0.062	0.134	---	---	23
24	---	---	---	0.452	0.420E	0.335E	0.100	0.092	0.060	0.148	---	---	24
25	---	---	---	0.428	0.418E	0.320E	0.098	0.110	0.058	0.087	---	---	25
26	---	---	---	0.402	0.425E	0.323E	0.095	0.131	0.057	0.079	---	---	26
27	---	---	---	0.384	0.445E	0.340E	0.092	0.114	0.058	0.075	---	---	27
28	---	---	---	0.387	0.459E	0.310E	0.091	0.102	0.054	0.069	---	---	28
29	---		---	0.408	0.448E	0.290E	0.090	0.095	0.054	0.064	---	---	29
30	---		---	0.475	0.443E	0.275E	0.084	0.087	0.054	0.063	---	---	30
31	---		0.045A		0.445E		0.081	0.102		0.080	---	---	31
TOTAL	---	---	---	7.285	19.061	12.990	4.868	2.883	2.183	1.992	---	---	TOTAL
MEAN	---	---	---	0.243	0.815	0.433	0.151	0.093	0.073	0.083	---	---	MEAN
MAX	---	---	---	0.577	1.03	0.582	0.285	0.153	0.104	0.148	---	---	MAX
MIN	---	---	---	0.041	0.418	0.275	0.081	0.070	0.054	0.047	---	---	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.03 ON MAY 10

MAXIMUM INSTANTANEOUS,
1.25 AT 23:41 PST ON MAY 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 28 51 N
LONG 117 21 30 W

DRAINAGE AREA, 11.1 km²

A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	405
FEB	---	AUG	280
MAR	---	SEP	188
APR	830	OCT	170
MAY	1 650	NOV	---
JUN	1 120	DEC	---

SARITA RIVER NEAR SANFIELD - STATION NO. 08HB014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.0 E	70.0 E	8.20E	48.1	4.18	1.47	41.7	2.71	0.889	0.480	5.98	17.2	1
2	15.5 E	50.0 E	7.30E	38.4	3.80	1.40	26.4	2.38	0.841	0.420	6.25	37.5	2
3	55.0 E	35.0 E	8.70E	28.7	3.32	1.26	18.8	1.86	0.845	0.418	80.5	124	3
4	45.0 E	24.0 E	8.30E	32.3	3.06	1.05	13.5	1.77	0.851	0.404	62.0	188	4
5	30.0 E	15.0 E	27.0 E	47.7	2.91	0.843	9.95	1.58	0.847	0.787	20.8	42.8	5
6	22.0 E	8.00E	25.0 E	78.8	2.86	0.867	7.00	1.48	0.815	0.805	23.2	36.3	6
7	16.0 E	5.80E	25.0 E	47.3	2.70	0.840	5.20	1.31	0.802	0.887	22.5	43.5	7
8	11.5 E	4.80E	24.0 E	21.5	2.54	0.865	4.26	1.21	0.748	0.875	115	61.5	8
9	13.5 E	4.40E	23.0 E	15.9	2.22	0.819	3.74	1.16	0.707	0.881	285	32.5	9
10	12.0 E	4.10E	30.0 E	12.8	2.16	0.828	3.30	1.05	0.671	0.763	198	22.0	10
11	11.0 E	3.80E	43.0 E	11.5	2.03	0.895	2.93	1.08	0.828	4.76	46.5	18.5	11
12	25.0 E	3.50E	37.0 E	11.2	1.78	0.711	2.51	1.04	0.808	8.18	30.5	14.7	12
13	51.4 A	3.40E	24.0 E	10.5	1.79	0.677	2.40	1.02	0.598	4.84	34.7	12.5	13
14	25.3	3.20E	17.0 E	10.2	1.85	2.35	2.08	1.26	0.560	2.78	31.7	11.4	14
15	26.3	3.00E	14.0 E	9.02	1.58	1.81	1.78	1.29	0.558	2.06	23.9	10.1	15
16	101 A	2.85E	11.0 E	7.01	1.47	1.35	2.63	1.20	0.561	1.71	22.3	9.33	16
17	80.0 E	2.80E	10.0 E	8.87	1.53	2.18	3.91	1.17	0.572	1.81	23.8	8.48	17
18	43.0 E	8.00E	9.70E	5.45	1.58	2.84	4.12	1.08	0.558	5.44	21.1	6.03	18
19	22.5 A	16.0 E	8.80E	5.94	1.82	7.69	3.38	1.03	0.494	7.52	24.9	7.32	19
20	19.0 A	30.0 E	8.55A	30.8	1.34	7.72	2.73	1.02	0.479	28.2	36.3	7.01	20
21	15.0 E	80.0 E	13.3	18.1	1.23	4.64	2.13	1.86	0.801	88.8	36.2	8.86	21
22	13.0 E	121 A	23.7	15.2	1.17	3.14	1.87	2.31	0.488	102	27.0	8.94	22
23	11.0 E	83.4	16.1	12.7	1.18	2.47	1.75	1.88	0.487	117	35.2	9.21	23
24	8.50E	35.8	11.1	9.84	1.08	1.88	1.73	1.74	0.452	71.8	39.2	9.38	24
25	8.20E	18.8	8.82	7.76	1.11	1.86	1.61	1.50	0.461	46.5	34.5	7.86	25
26	8.60E	13.0	15.2	8.77	4.44	1.42	1.52	1.36	0.481	84.3	28.2	7.31	26
27	8.40E	10.8 A	52.1	6.01	4.36	1.36	1.40	1.24	0.533	27.0	25.8	6.83	27
28	27.0 E	9.50E	44.7	5.36	2.72	1.38	1.35	1.18	0.538	15.0	27.0	8.94	28
29	84.0 E		34.8	5.15	2.02	1.87	1.33	1.08	0.480	10.8	22.5	8.27	29
30	88.0 E		24.4	4.87	1.87	3.88	1.28	1.03	0.489	8.55	19.7	7.44	30
31	88.0 E		26.5		1.82		1.33	1.02		8.82		13.6	31
TOTAL	884.90	880.85	840.17	569.84	68.81	81.835	177.83	44.20	18.788	653.788	1 371.73	783.30	TOTAL
MEAN	31.8	33.2	30.7	19.0	2.22	2.96	5.74	1.43	0.626	21.1	45.7	24.8	MEAN
MAX	101	121	52.1	78.8	4.44	7.72	41.7	2.71	0.889	117	285	188	MAX
MIN	8.20	2.80	8.30	4.87	1.08	0.695	1.28	1.02	0.452	0.404	5.25	5.84	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.8
MAXIMUM DAILY, 285 ON NOV 8
MINIMUM DAILY, 0.404 ON OCT 4
MAXIMUM INSTANTANEOUS,
493 AT 22:40 PST ON NOV 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 53 34 N
LONG 124 57 84 W

DRAINAGE AREA, 182 km²

A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	55 100	JUL	15 400
FEB	55 200	AUG	3 820
MAR	55 300	SEP	1 820
APR	48 200	OCT	55 500
MAY	5 850	NOV	118 000
JUN	5 340	DEC	65 900

TOTAL DISCHARGE, 519 000 dam³

SCOTTIE CREEK ABOVE CHROME CREEK - STATION NO. 08LF089

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.083	0.304	0.258	0.131	0.038	0.172	0.085	---	---	1
2	---	---	---	0.082	0.305	0.239	0.112	0.130	0.252	0.094	---	---	2
3	---	---	---	0.082	0.308	0.224	0.098	0.205	0.189	0.098	---	---	3
4	---	---	---	0.080	0.285	0.203	0.086	0.109	0.133	0.085	---	---	4
5	---	---	---	0.084	0.289	0.185	0.094	0.079	0.133	0.100	---	---	5
6	---	---	---	0.104	0.278	0.177	0.087	0.082	0.117	0.107	---	---	6
7	---	---	---	0.119	0.288	0.162	0.080	0.085	0.102	0.103	---	---	7
8	---	---	---	0.108	0.247	0.152	0.088	0.083	0.085	0.102	---	---	8
9	---	---	---	0.107	0.240	0.157	0.085	0.081	0.087	0.088	---	---	9
10	---	---	---	0.111	0.240	0.157	0.087	0.081	0.088	0.117A	---	---	10
11	---	---	---	0.118	0.243	0.142	0.081	0.049	0.083	---	---	---	11
12	---	---	---	0.134	0.249	0.130	0.082	0.046	0.078	---	---	---	12
13	---	---	---	0.151	0.244	0.128	0.085	0.048	0.078	---	---	---	13
14	---	---	---	0.183	0.225	0.134	0.080	0.051	0.077	---	---	---	14
15	---	---	---	0.183	0.204	0.122	0.084	0.065	0.083	---	---	---	15
16	---	---	---	0.185	0.208	0.121	0.091	0.158	0.085	---	---	---	16
17	---	---	---	0.180	0.271	0.131	0.087	0.187	0.109	---	---	---	17
18	---	---	---	0.184	0.251	0.128	0.082	0.116	0.118	---	---	---	18
19	---	---	---	0.220	0.223	0.114	0.074	0.120	0.112	---	---	---	19
20	---	---	---	0.313	0.251	0.123	0.070	0.105	0.103	---	---	---	20
21	---	---	---	0.339	0.223	0.123	0.068	0.088	0.098	---	---	---	21
22	---	---	---	0.303	0.203	0.148	0.085	0.085	0.094	---	---	---	22
23	---	---	---	0.262	0.187	0.164	0.084	0.088	0.093	---	---	---	23
24	---	---	---	0.238	0.250	0.129	0.080	0.093	0.092	---	---	---	24
25	---	---	---	0.242	0.402	0.113	0.084	0.091	0.092	---	---	---	25
26	---	---	---	0.384	0.394	0.118	0.052	0.126	0.090	---	---	---	26
27	---	---	---	0.289	0.365	0.171	0.054	0.127	0.088	---	---	---	27
28	---	---	0.088A	0.271	0.432	0.182	0.051	0.103	0.090	---	---	---	28
29	---		0.093	0.277	0.342	0.143	0.043	0.096	0.087	---	---	---	29
30	---		0.092	0.288	0.300	0.146	0.042	0.087	0.092	---	---	---	30
31	---		0.093		0.274		0.038	0.100		---		---	31
TOTAL	---	---	---	5.873	8.508	4.909	2.391	2.873	3.200	---	---	---	TOTAL
MEAN	---	---	---	0.189	0.274	0.164	0.077	0.093	0.107	---	---	---	MEAN
MAX	---	---	---	0.384	0.432	0.258	0.131	0.205	0.252	---	---	---	MAX
MIN	---	---	---	0.080	0.187	0.113	0.038	0.038	0.077	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.432 ON MAY 26

MAXIMUM INSTANTANEOUS,
0.740 AT 13:32 PST ON APR 26

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 59 01 N
LONG 121 23 54 W
DRAINAGE AREA, 141 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	207
FEB	---	AUG	248
MAR	---	SEP	278
APR	490	OCT	---
MAY	736	NOV	---
JUN	398	DEC	---

SETON RIVER NEAR LILLOOET - STATION NO. 08ME003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.33	5.77	5.48	5.07	4.10	3.67	5.88	11.8	12.1	12.3	12.1	8.38	1
2	5.36	5.72	5.36	5.12	4.40	3.67	5.80	12.7	12.8	12.1	11.8	8.42	2
3	5.84	5.67	5.33	5.28	5.48	3.70	5.88	12.1	12.4	11.8	12.0	8.48	3
4	5.81	5.67	5.38	5.28	5.70	3.88	5.28	12.0	12.4	12.0	11.8	8.30	4
5	5.80	5.82	5.43	5.34	5.08	3.78	5.87	12.0	12.4	12.1	11.7	8.44	5
6	5.81	5.68	5.41	5.48	5.80	3.72	5.38	11.8	12.8	12.5	11.8	8.38	6
7	5.88	5.83	5.32	5.41	33.6	3.88	5.88	11.5	12.8	12.2	12.4	8.48	7
8	5.84	5.87	5.46	5.14	47.8	3.84	5.80	11.8	12.7	12.5	12.3	8.50	8
9	5.84	6.08	5.88	5.00	32.6	3.83	5.49	11.5	12.8	12.5	12.1	8.52	9
10	5.87	5.71	5.40	5.12	11.1	3.84	5.31	11.8	12.8	12.8	12.3	8.57	10
11	5.78	5.61	5.38	5.18	4.44	3.84	5.07	11.8	12.4	12.5	12.1	8.48	11
12	5.88	5.48	5.46	5.17	3.87	3.78	5.01	11.5	12.5	12.8	12.0	8.60	12
13	5.44	5.83	5.88	5.18	3.78	3.83	5.11	11.8	12.8	12.4	12.4	8.51	13
14	5.41	5.80	5.41	5.24	3.78	3.88	5.27	11.7	12.8	12.0	12.4	8.58	14
15	5.83	5.85	5.38	5.30	3.88	3.87	5.43	11.8	12.8	12.4	12.8	8.60	15
16	5.48	5.87	5.33	5.18	4.08	3.78	5.48	11.8	12.8	12.7	12.5	8.41	16
17	5.84	5.84	5.40	5.08	3.84	3.84	5.38	12.0	12.5	12.3	12.5	8.37	17
18	5.81	5.89	5.40	4.98	3.88	3.72	5.30	12.0	12.5	12.1	8.80	8.37	18
19	5.38	5.88	5.38	4.88	3.80	5.07	5.00	11.7	12.3	12.8	8.84	8.38	19
20	5.44	5.80	5.47	4.87	3.77	5.12	5.47	11.8	12.4	12.5	8.84	8.43	20
21	5.44	5.82	5.38	5.18	3.82	5.31	12.1	11.7	12.7	12.1	8.81	8.50	21
22	5.81	5.87	5.33	5.87	3.73	5.20	12.2	12.0	12.3	11.8	8.58	8.47	22
23	5.80	5.43	5.38	5.21	3.87	5.31	12.4	12.0	12.3	11.8	8.81	8.41	23
24	5.87	5.48	5.31	5.17	3.70	5.18	12.3	11.8	12.4	12.0	8.83	8.82	24
25	5.82	5.47	5.28	5.19	3.71	5.07	11.8	11.7	12.4	11.8	8.48	8.42	25
26	5.80	5.82	5.28	5.24	3.82	5.41	12.4	11.8	12.3	12.0	8.82	8.28	26
27	5.48	5.82	5.38	5.28	3.78	5.28	12.5	11.7	12.1	11.9	8.84	8.48	27
28	5.37	5.81	5.28	5.08	3.71	5.31	12.3	11.8	12.2	11.7	8.88	8.47	28
29	5.88		5.23	4.28	3.88	5.21	12.3	11.8	12.4	11.9	8.90	8.48	29
30	5.81		5.23	4.17	3.78	5.03	11.8	11.7	12.4	12.0	8.83	8.80	30
31	5.83		5.13		3.74		12.1	11.8		12.1		8.35	31
TOTAL	173.77	155.72	166.38	153.75	236.82	138.72	282.37	366.6	373.4	377.4	295.83	200.18	TOTAL
MEAN	5.61	5.56	5.36	5.13	7.90	4.88	5.48	11.8	12.4	12.2	8.86	8.46	MEAN
MAX	5.38	6.08	5.66	5.87	47.8	5.41	12.5	12.4	12.8	12.7	12.5	8.82	MAX
MIN	5.38	5.43	5.13	4.17	3.82	3.82	5.38	11.5	12.1	11.8	8.43	8.28	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.94
MAXIMUM DAILY, 47.8 ON MAY 8
MINIMUM DAILY, 3.82 ON JUN 8
MAXIMUM INSTANTANEOUS,
48.1 AT 10:45 PST ON MAY 7

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 40 20 N
LONG 121 55 10 W
DRAINAGE AREA, 1 040 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	15 000	JUL	23 700
FEB	13 800	AUG	31 600
MAR	14 400	SEP	32 300
APR	13 300	OCT	32 600
MAY	20 400	NOV	25 800
JUN	12 100	DEC	17 300

TOTAL DISCHARGE, 251 000 dam³

SEYMOUR RIVER NEAR NORTH VANCOUVER - STATION NO 08GA030

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.07	15.7 A	3.88	8.77	27.9	21.6	48.3	2.22	1.87	1.80	4.00	4.38	1
2	6.84	9.008	3.38	11.0	22.0	28.3	37.6	2.34	1.84	1.61	3.02	10.8	2
3	53.4	6.758	3.23	10.1	20.7	29.6	33.6	2.07	1.81	1.83	15.2	89.0	3
4	41.0	5.508	3.06	11.8	20.8	25.5	16.8	1.94	1.80	1.84	68.1	143	4
5	15.0	5.008	6.37	17.5	26.3	26.0	9.86	1.83	1.78	1.48	16.8	40.0	5
6	8.06	4.748	6.57	31.5	33.1	21.8	6.97	1.78	1.77	1.58	30.1	20.8	6
7	5.34	4.408	5.74	40.3	33.2	17.0	4.34	1.72	1.74	1.89	27.2	17.7	7
8	4.52	4.058	5.18	21.7	29.3	15.5	3.92	1.88	1.70	1.59	57.7	37.8	8
9	4.24	3.778	5.37	14.8	24.1	13.4	3.38	1.84	1.67	1.80	194	20.0	9
10	3.82	3.898	9.58	21.9	18.8	10.8	3.08	1.82	1.85	1.71	142	11.7	10
11	3.84	3.408	30.5	34.2	12.8	11.5	2.88	1.84	1.84	8.30	40.2	7.40	11
12	7.89	3.288	34.8	24.0	8.03	12.8	2.51	1.81	1.84	8.47	17.3	4.88	12
13	14.0	3.208	21.3	7.48	8.71	13.7	2.47	1.81	1.83	4.80	11.8	3.87	13
14	8.80	3.118	12.7	8.84	8.72	27.7	2.80	2.29	1.86	3.88	10.1	3.91	14
15	6.56	3.078	7.87	7.84	10.4	15.1	2.48	2.02	1.82	2.88	8.82	3.38	15
16	26.7	3.048	5.83	8.88	13.5	9.17	3.00	1.95	1.70	2.80	7.18	3.13	16
17	29.1	3.048	4.95	12.2	14.8	7.78	5.11	1.86	1.72	2.38	8.08	2.94	17
18	22.8	3.128	4.78A	12.4	16.5	11.6	3.56	1.76	1.70	2.87	4.85	2.77	18
19	11.4	3.208	4.18E	18.7	11.4	13.1	2.82	1.86	1.88	3.98	8.78	2.78	19
20	7.84	3.188	3.80A	34.1	8.29	16.8	2.82	2.16	1.89	4.71	36.8	2.72	20
21	7.83	3.248	5.37	33.7	8.27	8.55	2.48	4.24	1.86	7.37	32.8	2.83	21
22	8.08	18.6 A	6.13	16.2	8.14	6.70	2.34	3.84	1.88	13.6	14.8	2.87	22
23	8.78	16.5	4.87	10.1	8.78	8.08	2.20	3.03	1.86	81.8	13.8	2.71	23
24	8.18	8.43	4.18	9.41	10.8	9.17	2.02	2.58A	1.86	88.4	16.2	2.77	24
25	3.80	8.51	4.88	13.0	9.22	9.37	2.08	2.68E	1.82	34.5	13.4	2.84	25
26	3.53	5.19	9.86	16.8	24.1	8.48	2.01	2.38E	1.77	93.2	10.1	2.82	26
27	3.57	4.80	26.3	16.8	46.2	7.85	2.00	2.20E	1.73	43.8	8.30	2.80	27
28	3.44	4.01	22.0	16.8	22.8	8.82	1.83	2.03E	1.71	20.1	8.87	2.43	28
29	8.86		14.1	22.7	17.9	7.24	1.88	1.94A	1.87	12.3	8.84	2.44	29
30	38.1		9.80	28.0	15.3	7.78	1.82	1.82	1.84	8.88	4.91	2.48	30
31	48.1		8.83		15.8		1.84	1.90		8.44		3.41	31
TOTAL	423.91	182.23	286.36	540.88	542.88	426.18	206.83	88.34	51.10	488.48	815.84	441.58	TOTAL
MEAN	13.7	6.79	9.83	18.0	17.5	14.2	6.74	2.14	1.70	15.1	27.2	14.2	MEAN
MAX	53.4	18.6	34.8	40.3	46.2	29.6	48.3	4.24	1.87	93.2	194	143	MAX
MIN	3.44	3.04	3.06	7.48	8.14	8.70	1.82	1.81	1.82	1.48	3.02	2.43	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.2
MAXIMUM DAILY, 194 ON NOV 8
MINIMUM DAILY, 1.48 ON OCT 5
MAXIMUM INSTANTANEOUS,
352 AT 23:44 PST ON NOV 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 20 32 N
LONG 123 00 05 W
DRAINAGE AREA, 178 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	38 800	JUL	18 100
FEB	14 000	AUG	8 730
MAR	25 800	SEP	4 420
APR	48 700	OCT	40 800
MAY	48 800	NOV	70 800
JUN	38 800	DEC	38 200

TOTAL DISCHARGE, 384 000 dam³

SEYMOUR RIVER NEAR SEYMOUR ARM - STATION NO. 08LE027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.858	3.858	3.858	18.1	88.8	121	82.8	30.1	41.8	12.4	18.2	11.8	1
2	3.608	3.208	3.928	18.5	83.0	128	78.5	38.8	81.0	11.1	18.3	12.2	2
3	3.608	2.758	4.158	14.8	77.8	130	85.1	88.8	48.8	10.4	17.0	11.8	3
4	3.708	2.608	4.358	14.4	72.8	138	80.3	81.2	34.8	10.1	23.8	12.8	4
5	3.858	2.858	4.808	14.8	88.0	148	84.8	38.3	34.4	9.88	23.7	13.8	5
6	3.308	3.208	4.508	17.3	118	152	48.8	32.7	28.3	9.83	25.8	14.0	6
7	3.158	3.258	4.258	18.2	133	136	48.8	30.8	25.7	9.87	24.8	13.7	7
8	3.908	3.458	4.178	17.8	118	123	88.8	28.4	24.1	9.48	25.5	13.8	8
9	3.408	3.458	4.208	17.4	124	128	48.8	33.7	21.8	9.43	48.4	14.0	9
10	3.458	3.488	4.508	17.4	148	123	48.8	28.7	19.8	18.8	104	12.8	10
11	3.808	3.558	5.208	18.7	128	122	57.4	28.7	18.4	21.4	72.8	11.2	11
12	3.158	3.858	6.008	21.4	83.2	128	81.8	28.1	18.0	17.7	47.8	11.7	12
13	3.208	3.758	7.408	28.8	82.2	131	88.8	28.0	18.3	17.0	38.8	11.8	13
14	3.258	3.808	8.808	28.8	88.8	188	88.8	28.8	18.7	17.0	30.3	11.2	14
15	3.308	3.828	8.808	83.8	87.8	204	78.4	34.8	18.2	18.8	28.8	10.8	15
16	3.358	3.888	8.008	81.4	74.2	148	74.4	82.8	18.3	13.4	23.3	10.8	16
17	3.258	4.058	7.808	42.8	83.1	104	88.8	88.8	22.8	12.3	21.7	9.88	17
18	3.158	4.108	7.158	38.8	77.8	84.0	82.0	34.8	20.1	11.8	21.2	9.808	18
19	8.008	4.008	7.008	48.4	70.0	101	44.4	32.8	17.8	11.8	20.8	9.508	19
20	3.858	4.108	7.808	83.8	87.0	84.8	48.2	31.7	17.8	11.7	20.8	9.408	20
21	3.808	4.408	8.208	72.4	47.8	71.8	43.8	81.4	18.7	13.7	18.8	9.008	21
22	8.008	4.388	8.008	88.8	42.7	73.8	37.8	101	18.8	20.8	17.8	8.808	22
23	4.338	4.258	10.1 B	47.8	44.8	82.8	36.4	88.8	19.1	21.0	18.8	8.808	23
24	4.108	4.058	11.0 B	42.7	88.2	87.7	28.7	43.8	14.8	38.8	18.8	8.308	24
25	3.808	3.958	13.8	42.4	81.7	76.3	28.1	35.8	13.8	38.7	18.3	8.808	25
26	4.208	3.838	14.8	48.1	81.8	82.7	27.8	32.3	13.8	27.8	18.1	8.408	26
27	4.608	3.828	18.3	46.8	48.8	88.8	30.4	28.8	13.8	26.8	14.3	8.27	27
28	8.008	3.838	18.8	47.7	82.8	82.8	38.8	26.3	13.3	22.8	13.8	8.88	28
29	8.258		18.8	88.4	83.8	88.8	31.8	26.1	13.8	18.8	13.4	8.77	29
30	8.008		17.2	78.8	78.7	88.8	30.8	25.8	13.8	16.8	12.7	8.73	30
31	8.208		18.8	188			31.4	37.4		17.4		8.81	31
TOTAL	178.18	103.88	273.24	1 880.1	2 431.3	3 378.8	1 825.8	1 283.8	680.7	818.80	881.8	335.82	TOTAL
MEAN	5.75	3.71	8.81	38.3	78.1	113	48.2	40.8	22.8	18.7	28.7	10.8	MEAN
MAX	8.80	4.40	18.8	72.4	148	204	82.8	101	81.8	38.8	104	14.8	MAX
MIN	3.88	2.78	3.88	14.4	42.7	88.8	27.8	28.1	13.3	8.43	12.7	8.80	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 34.4
MAXIMUM DAILY, 204 ON JUN 15
MINIMUM DAILY, 2.758 ON FEB 3
MAXIMUM INSTANTANEOUS,
231 AT 14:30 PST ON JUN 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 15 45 N
LONG 118 58 48 W
DRAINAGE AREA, 805 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 400	JUL	132 000
FEB	8 880	AUG	108 000
MAR	23 800	SEP	87 100
APR	94 200	OCT	44 800
MAY	208 000	NOV	88 200
JUN	292 000	DEC	39 000

TOTAL DISCHARGE, 1 080 000 dam³

SHARP CREEK ON MEARES ISLAND - STATION NO. 08HC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.926	0.057	0.052	1.07	0.101	0.020	0.013	---	---	1
2	---	---	---	0.812	0.053	0.049	0.478	0.049	0.020	0.013	---	---	2
3	---	---	---	0.421	0.058	0.047	0.332	0.040	0.018	0.013	---	---	3
4	---	---	---	0.844	0.055	0.043	0.153	0.035	0.018	0.044	---	---	4
5	---	---	---	0.552	0.058	0.042	0.091	0.033	0.018	0.049	---	---	5
6	---	---	---	1.10	0.071	0.036	0.088	0.030	0.018	0.023	---	---	6
7	---	---	---	0.314	0.061	0.037	0.065	0.028	0.018	0.020	---	---	7
8	---	---	---	0.178	0.055	0.037	0.049	0.025	0.017	0.023	---	---	8
9	---	---	---	0.151	0.051	0.038	0.045	0.023	0.018	0.023	---	---	9
10	---	---	---	0.149	0.052	0.035	0.041	0.023	0.018	0.044	---	---	10
11	---	---	---	0.138	0.050	0.033	0.038	0.022	0.018	0.135	---	---	11
12	---	---	---	0.125	0.047	0.033	0.035	0.021	0.018	0.071A	---	---	12
13	---	---	---	0.114	0.048	0.484	0.033	0.047	0.018	---	---	---	13
14	---	---	---	0.101	0.043	0.375	0.031	0.041	0.014	---	---	---	14
15	---	---	---	0.088	0.040	0.111	0.030	0.034	0.013	---	---	---	15
16	---	---	---	0.075	0.040	0.079	0.884	0.027	0.013	---	---	---	16
17	---	---	---	0.070	0.051	0.388	0.262	0.024	0.013	---	---	---	17
18	---	---	---	0.067	0.048	0.284	0.274	0.022	0.013	---	---	---	18
19	---	---	---	0.488	0.041	0.857	0.123	0.022	0.013	---	---	---	19
20	---	---	---	0.884	0.038	0.184	0.078	0.083	0.013	---	---	---	20
21	---	---	---	0.852	0.037	0.117	0.088	0.083	0.013	---	---	---	21
22	---	---	0.188A	0.635	0.035	0.087	0.087	0.050	0.012	---	---	---	22
23	---	---	0.133	0.317	0.057	0.082	0.083	0.038	0.012	---	---	---	23
24	---	---	0.108	0.138	0.043	0.070	0.047	0.032	0.012	---	---	---	24
25	---	---	0.094	0.100	0.134	0.063	0.042	0.029	0.013	---	---	---	25
26	---	---	0.459	0.085	0.549	0.056	0.038	0.025	0.013	---	---	---	26
27	---	---	0.880	0.077	0.128	0.054	0.035	0.023	0.013	---	---	---	27
28	---	---	0.645	0.074	0.088	0.158	0.033	0.022	0.013	---	---	---	28
29	---		0.378	0.067	0.073	0.181	0.032	0.022	0.013	---	---	---	29
30	---		0.444	0.058	0.068	0.857	0.030	0.021	0.013	---	---	---	30
31	---		0.418		0.054		0.034	0.020		---	---	---	31
TOTAL	---	---	---	8.884	2.388	4.483	4.342	1.078	0.444	---	---	---	TOTAL
MEAN	---	---	---	0.288	0.074	0.149	0.140	0.035	0.015	---	---	---	MEAN
MAX	---	---	---	1.10	0.548	0.857	1.07	0.101	0.020	---	---	---	MAX
MIN	---	---	---	0.089	0.036	0.033	0.030	0.020	0.013	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 10 00 N
LONG 126 51 55 W
DRAINAGE AREA, 2.40 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	378
FEB	---	AUG	93.9
MAR	---	SEP	38.4
APR	769	OCT	---
MAY	198	NOV	---
JUN	388	DEC	---

SHAWNIGAN CREEK NEAR PENTICTON - STATION NO. 08NM037

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.034	0.0188	0.020E	0.034	0.443	2.33	0.727	0.098	0.117	0.088	0.084	0.088	1
2	0.033	0.0128	0.020E	0.033	0.823	2.42	0.382	0.118	0.408	0.087	0.108	0.107	2
3	0.033	0.0128	0.021E	0.031	0.588	2.28	0.421	0.136	0.424	0.082	0.344	0.103	3
4	0.030	0.0128	0.023E	0.030	0.679	2.12	0.348	0.110	0.284	0.080	0.488	0.118	4
5	0.027	0.0128	0.028E	0.042	0.823	2.03	0.306	0.097	0.303	0.088	0.278	0.133	5
6	0.026	0.0148	0.027E	0.046	1.01	1.89	0.277	0.088	0.178	0.088	0.208	0.118	6
7	0.0268	0.0148	0.030A	0.048	1.32	1.84	0.258	0.078	0.158	0.088	0.174	0.111	7
8	0.027	0.0148	0.028	0.046	1.45	1.47	0.231	0.078	0.148	0.088	0.188	0.108	8
9	0.031	0.0148	0.028	0.037	1.48	1.33	0.218	0.074	0.133	0.083	0.204	0.108	9
10	0.033	0.0158	0.037	0.038	1.77	1.38	0.312	0.087	0.128	0.080	0.358	0.083	10
11	0.034	0.0188	0.044	0.038	1.32	1.07	0.238	0.083	0.130	0.083	0.330	0.083	11
12	0.038	0.0178	0.073	0.038	1.10	0.930	0.192	0.088	0.118	0.083	0.237	0.088	12
13	0.035	0.017A	0.088	0.048	0.988	0.838	0.181	0.085	0.108	0.088	0.194	0.083	13
14	0.034	0.0188	0.080	0.058	0.934	0.846	0.342	0.080	0.103	0.084	0.174	0.101	14
15	0.032	0.0188	0.042	0.078	0.881	0.885	0.848	0.284	0.098	0.083	0.138	0.107	15
16	0.027	0.0188	0.034	0.088	1.08	0.884	0.382	0.408	0.081	0.082	0.183	0.103	16
17	0.028	0.0198	0.028	0.087	1.18	0.803	0.344	0.418	0.082	0.088	0.181	0.110	17
18	0.023	0.020E	0.026	0.088	0.882	0.848	0.280	0.272	0.088	0.088	0.144	0.078	18
19	0.020	0.020E	0.024	0.121	0.828	0.834	0.258	0.272	0.083	0.083	0.181	0.102	19
20	0.019	0.021E	0.031	0.181	0.784	0.680	0.208	0.228	0.082	0.089	0.183	0.108	20
21	0.018	0.0228	0.040	0.187	0.784	0.645	0.183	0.180	0.088	0.074	0.188	0.088	21
22	0.018	0.0228	0.033	0.188	0.736	0.484	0.170	0.170	0.088	0.081	0.118	0.087	22
23	0.0188	0.0228	0.031	0.138	0.778	0.433	0.188	0.188	0.083	0.188	0.188	0.088	23
24	0.018	0.0228	0.031	0.138	0.888	0.378	0.188	0.138	0.081	0.387	0.138	0.088	24
25	0.028	0.0228	0.038	0.180	0.782	0.384	0.148	0.128	0.081	0.188	0.118	0.081	25
26	0.028	0.0228	0.041	0.183	0.832	0.384	0.144	0.125	0.077	0.144	0.118	0.083	26
27	0.028	0.0218	0.040	0.182	1.24	0.328	0.128	0.120	0.087	0.118	0.118	0.088	27
28	0.021	0.0208	0.034	0.190	1.86	0.307	0.130	0.128	0.088	0.088	0.108	0.083	28
29	0.021		0.033	0.228	1.82	0.321	0.120	0.140	0.078	0.088	0.108	0.080	29
30	0.035		0.024	0.338	1.66	0.374	0.108	0.128	0.071	0.108	0.088	0.089	30
31	0.0288		0.033		1.88		0.103	0.118		0.084		0.081	31
TOTAL	0.881	0.684	1.078	3.884	33.130	30.811	8.892	4.888	3.882	3.743	5.438	3.078	TOTAL
MEAN	0.028	0.018	0.035	0.183	1.07	1.00	0.281	0.180	0.133	0.088	0.181	0.088	MEAN
MAX	0.035	0.032	0.073	0.338	1.88	2.42	0.727	0.418	0.424	0.387	0.488	0.133	MAX
MIN	0.018	0.012	0.020	0.030	0.443	0.307	0.103	0.088	0.071	0.080	0.084	0.083	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.285
MAXIMUM DAILY, 2.42 ON JUN 3
MINIMUM DAILY, 0.0128 ON FEB 3
MAXIMUM INSTANTANEOUS, 3.13 AT 18:53 PST ON JUN 3

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 35 43 N
LONG 119 48 00 W
DRAINAGE AREA, 101 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	74.4	JUL	889
FEB	42.7	AUG	403
MAR	93.8	SEP	344
APR	287	OCT	237
MAY	3 880	NOV	488
JUN	3 080	DEC	288

TOTAL DISCHARGE, 8 389 dam³

SHAWNIGAN CREEK BELOW SHAWNIGAN LAKE - STATION NO. 08HA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	3.48 E	0.847	0.072	0.051	0.028	0.018	0.010	0.017	0.881	1
2	---	---	2.82A	3.48 E	0.788	0.073	0.051	0.027	0.018	0.010	0.018	0.897	2
3	4.72A	---	---	3.45	0.314	0.075	0.052	0.027	0.018	0.010	0.017	1.09	3
4	5.08A	3.03A	---	3.49	0.191	0.075	0.053	0.027	0.018	0.010	0.018	1.88	4
5	5.15A	---	---	3.83 E	0.168	0.073	0.052	0.026	0.018	0.010	0.017	2.70	5
6	---	---	---	4.18 E	0.168	0.070	0.050	0.026	0.018	0.011	0.018	3.02	6
7	---	---	---	4.53	0.185	0.070	0.050	0.027	0.014	0.011	0.018	3.14	7
8	---	---	3.40A	4.53	0.187	0.070	0.054	0.028	0.014	0.011	0.018	3.30	8
9	4.38A	---	---	4.41	0.155	0.089	0.053	0.024	0.014	0.011	0.019	3.38	9
10	---	---	---	4.34	0.149	0.067	0.051	0.021	0.014	0.011	0.019	3.39	10
11	---	2.16A	---	3.98	0.131	0.067	0.048	0.078	0.014	0.012	0.020	3.32	11
12	---	---	4.80A	3.74	0.100	0.064	0.048	0.188	0.014	0.012	0.020	3.22	12
13	4.48A	1.88A	---	3.51	0.100	0.063	0.048	0.183	0.013	0.013	0.020	3.06	13
14	---	---	---	3.33	0.094	0.063	0.048	0.164	0.016	0.013	0.020	2.97	14
15	---	---	---	3.13	0.092	0.061	0.048	0.138	0.013	0.013	0.218	2.82	15
16	---	---	---	2.94	0.081	0.061	0.051	0.144	0.013	0.013	0.884	2.68	16
17	8.80A	---	---	2.78	0.087	0.059	0.048	0.118	0.013	0.013	0.888	2.56	17
18	7.71A	---	---	2.58	0.088	0.059	0.047	0.107	0.013	0.014	0.575	2.45	18
19	6.04A	---	4.78A	3.45	0.082	0.058	0.047	0.084	0.013	0.014	0.572	2.32	19
20	---	---	---	2.34	0.081	0.058	0.048	0.081	0.013	0.014	0.588	2.24	20
21	---	---	---	2.25	0.077	0.058	0.047	0.068	0.012	0.014	0.803	2.17	21
22	---	1.68A	---	2.13	0.078	0.058	0.048	0.020	0.013	0.014	0.807	2.00 E	22
23	7.88A	---	4.28A	2.04	0.078	0.058	0.048	0.018	0.013	0.015	0.818	1.78 E	23
24	---	---	---	1.90	0.072	0.058	0.038	0.017	0.013	0.018	0.881	1.74 E	24
25	---	---	---	1.78	0.074	0.058	0.037	0.017	0.013	0.018	0.748	1.85 E	25
26	8.08A	---	---	1.87	0.073	0.058	0.037	0.017	0.012	0.018	0.840	1.80 E	26
27	---	3.48A	---	1.08	0.088	0.084	0.032	0.017	0.011	0.017	0.888	1.88 E	27
28	---	2.80A	3.81A	1.00	0.088	0.063	0.028	0.017	0.012	0.017	0.883	1.72 E	28
29	---		---	0.941	0.088	0.063	0.028	0.017	0.011	0.017	0.866	1.80 E	29
30	---		---	0.910	0.071	0.063	0.026	0.017	0.010	0.017	0.888	1.88 E	30
31	---		3.86A		0.070		0.026	0.016		0.017		1.43 E	31
TOTAL	---	---	---	88.981	4.882	1.884	1.387	1.734	0.483	0.412	10.948	70.838	TOTAL
MEAN	---	---	---	2.87	0.158	0.063	0.045	0.056	0.013	0.013	0.388	2.28	MEAN
MAX	---	---	---	4.53	0.847	0.078	0.088	0.188	0.018	0.017	0.882	3.38	MAX
MIN	---	---	---	0.910	0.088	0.053	0.025	0.016	0.010	0.010	0.017	0.881	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.010 ON SEP 30

DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 38 24 N
LONG 123 37 48 W
DRAINAGE AREA, 88.8 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1963

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	131
FEB	---	AUG	180
MAR	---	SEP	34.8
APR	7 430	OCT	35.8
MAY	423	NOV	945
JUN	183	DEC	6 100

SHAWNIGAN CREEK NEAR MILL BAY - STATION NO. 08HA033

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.28	4.01	3.18	4.62	0.853	0.088	0.081	0.021	0.008	0.004	0.003	2.31	1
2	4.39	3.84	3.18	4.62	0.857	0.088	0.081	0.021	0.008	0.004	0.003	2.37	2
3	5.81	3.488	3.03	4.48	0.748	0.081	0.061	0.018	0.008	0.003	0.004	2.42	3
4	5.21	3.328	3.42	4.18	0.725	0.072	0.057	0.014	0.008	0.003	0.004	2.18	4
5	5.26	3.028	4.23	5.88	0.725	0.081	0.037	0.014	0.007	0.004	0.004	4.88	5
6	5.03	2.908	4.42	5.87	0.822	0.088	0.040	0.012	0.008	0.004	0.004	3.84	6
7	5.48	2.748	4.42	5.42	0.270	0.088	0.038	0.012	0.004	0.018	0.003	3.47	7
8	5.41	2.548	4.88	5.82	0.238	0.088	0.032	0.013	0.004	0.021	0.003	3.84	8
9	5.18	3.408	4.81	5.81	0.221	0.087	0.032	0.011	0.004	0.008	0.003	3.84	9
10	5.01	2.358	5.03	4.82	0.181	0.087	0.038	0.011	0.004	0.004	0.003	3.88	10
11	4.52	2.118	5.11	4.82	0.135	0.044	0.021	0.010	0.004	0.004	0.004	3.88	11
12	4.48	1.888	5.28	4.03	0.128	0.040	0.008	0.010	0.004	0.004	0.004	3.53	12
13	5.83	1.908	5.30	3.83	0.117	0.053	0.006	0.088	0.004	0.004	0.004	3.51	13
14	5.32	1.88	5.21	3.58	0.113	0.057	0.008	0.178	0.004	0.004	0.004	3.07	14
15	5.47	1.88	5.13	3.36	0.135	0.087	0.028	0.187	0.004	0.004	0.113	2.85	15
16	5.88	1.88	5.08	3.18	0.135	0.083	0.050	0.185	0.004	0.004	1.15	2.88	16
17	5.61	1.84	5.18	3.03	0.187	0.050	0.050	0.188	0.004	0.003	1.18	2.41	17
18	24.0	1.88	5.23	2.74	0.187	0.044E	0.040	0.010	0.003	0.004	1.17	2.77	18
19	27.1	1.78	5.88	2.83	0.128	0.037	0.035	0.118	0.003	0.004	1.38	2.88	19
20	27.1	1.88	5.80	2.30	0.120	0.040	0.034	0.188	0.003	0.005	1.82	3.88	20
21	21.4	1.82	5.88	2.15	0.120	0.040	0.030	0.135	0.003	0.008	1.82	3.80	21
22	17.0	2.88	4.88	1.97	0.128	0.040	0.024	0.081	0.003	0.012	1.84	2.15	22
23	8.84	3.88	4.82	1.84	0.140	0.040	0.024	0.018	0.004	0.022	1.84	2.08	23
24	8.88	3.83	4.83	1.88	0.138	0.032	0.022	0.015	0.003	0.022	2.04	2.01	24
25	8.88	3.87	4.82	1.13	0.117	0.032	0.023	0.015	0.003	0.010	2.17	1.90	25
26	8.88	3.12	4.82	1.08	0.120	0.032	0.023	0.012	0.003	0.018	2.23	1.85	26
27	8.28	3.18	4.88	1.08	0.131	0.040	0.023	0.012	0.003	0.008	2.24	1.83	27
28	4.87	3.18	4.84	0.981	0.144	0.044	0.023	0.011	0.003	0.005	2.28	1.88	28
29	4.70		4.83	0.978	0.187	0.040	0.021	0.010	0.004	0.004	2.28	2.07	29
30	4.82		4.80	0.978	0.128	0.088	0.021	0.010	0.004	0.004	2.32	1.83	30
31	3.88		4.82		0.128		0.021	0.010		0.004		1.84	31
TOTAL	288.48	71.74	151.43	100.187	8.288	1.888	0.888	1.820	0.131	0.224	27.183	88.18	TOTAL
MEAN	8.80	2.88	4.88	3.34	0.288	0.083	0.032	0.048	0.004	0.007	0.888	2.78	MEAN
MAX	27.1	4.01	5.30	5.88	0.853	0.088	0.081	0.178	0.008	0.022	2.32	4.88	MAX
MIN	3.88	1.84	3.03	0.978	0.113	0.032	0.005	0.010	0.003	0.003	0.003	1.84	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.88
MAXIMUM DAILY, 27.1 ON JAN 19
MINIMUM DAILY, 0.003 ON SEP 18

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 38 38 N
LONG 123 34 00 W
DRAINAGE AREA, 91.8 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	23 000	JUL	85.2
FEB	8 200	AUG	131
MAR	13 100	SEP	11.3
APR	8 880	OCT	18.4
MAY	713	NOV	2 380
JUN	137	DEC	7 380

TOTAL DISCHARGE, 81 800 dam³

SHAWNIGAN LAKE OPPOSITE MEMORY ISLAND - STATION NO. 08HA032

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.038	---	---	---	0.515	0.515	0.437	0.344	0.250	0.182	---	---	1
2	1.033	---	---	---	0.509	0.515	0.436	0.338	0.247	0.184	---	---	2
3	1.021	0.838	---	---	0.503	0.512	0.448	0.335	0.241	---	0.188	---	3
4	---	---	---	---	0.503	0.512	0.439	0.332	0.238	0.149	---	---	4
5	---	---	---	---	---	0.508	0.438	0.332	0.241	---	---	---	5
6	1.119	---	---	---	0.508	0.508	---	0.328	0.238	---	0.188	---	6
7	---	---	---	---	0.508	0.500	0.430	0.333	---	0.186	---	---	7
8	---	---	0.858	---	0.515	0.497	0.427	0.320	---	0.188	---	---	8
9	---	---	0.887	---	0.512	0.484	0.424	0.317	---	0.185	---	---	9
10	---	---	---	---	0.506	0.488	0.418	0.311	---	0.149	---	---	10
11	---	0.862	---	---	---	0.482	0.418	0.306	0.218	---	---	---	11
12	---	---	---	---	---	0.479	0.415	0.299	0.213	0.188	---	---	12
13	---	---	1.070	0.811	---	0.472	0.408	0.293	0.213	---	---	---	13
14	---	0.884	---	0.881	0.506	---	0.402	0.290	---	---	---	---	14
15	1.078	---	1.073	0.880	0.500	---	0.398	0.290	---	---	---	---	15
16	---	---	---	0.817	0.497	0.493	0.402	0.283	---	0.188	0.308	---	16
17	---	---	---	---	---	0.483	0.408	0.280	---	0.186	---	---	17
18	1.433	0.894	---	0.753	---	0.480	0.402	0.277	---	0.188	---	---	18
19	---	0.888	---	0.732	0.503	---	0.399	0.271	---	---	---	---	19
20	---	---	---	---	0.503	0.497	---	0.288	---	---	---	---	20
21	---	---	1.052	---	0.500	0.481	0.390	0.266	---	0.185	---	0.828	21
22	---	0.878	---	---	0.497	0.481	0.387	---	---	0.171	---	---	22
23	---	---	---	---	0.500	---	0.378	---	---	0.183	---	0.884	23
24	---	0.880	0.886	---	0.497	---	0.376	---	---	---	---	0.870	24
25	1.187	0.701	0.888	---	0.494	---	0.388	---	---	0.188	---	0.888	25
26	---	0.718	0.948	0.587	---	0.433	0.388	---	---	---	---	0.840	26
27	---	0.728	0.830	0.858	---	0.434	0.383	0.286	---	0.188	---	0.831	27
28	---	0.732	0.833	0.648	0.515	---	0.357	0.282	---	0.188	---	---	28
29	---		0.830	---	0.518	0.430	0.351	0.288	---	0.185	---	0.808	29
30	---		---	---	0.515	0.430	0.347	0.269	0.182	0.188	---	0.800	30
31	0.814		---		0.512		0.344	0.263	---			0.488	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 38 32 N
LONG 123 36 35 W
DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

REGULATED SINCE 1983

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SHERIDAN CREEK ABOVE MCLEESE LAKE - STATION NO. 08MC048

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.327	0.088	0.042	0.017	0.030	0.048	0.087	---	1
2	---	---	---	---	0.288	0.088	0.038	0.060	0.027	0.047	0.077	---	2
3	---	---	---	---	0.265	0.088	0.037	0.030	0.038	0.047	0.068	---	3
4	---	---	---	---	0.200	0.088	0.044	0.021	0.039	0.048	0.127	---	4
5	---	---	---	---	0.172	0.088	0.038	0.018	0.030	0.048	0.810	---	5
6	---	---	---	---	0.162	0.088	0.036	0.014	0.034	0.044	0.518	---	6
7	---	---	---	---	0.110	0.087	0.037	0.012	0.038	0.042	0.448	---	7
8	---	---	---	---	0.084	0.088	0.037	0.012	0.038	0.051	0.388	---	8
9	---	---	---	---	0.084	0.088	0.031	0.014	0.037	0.053	0.437	---	9
10	---	---	---	---	0.080	0.088	0.038	0.017	0.037	0.078	0.888	---	10
11	---	---	---	---	0.083	0.083	0.044	0.018	0.041	0.088	0.848	---	11
12	---	---	---	---	0.078	0.082	0.040	0.014	0.042	0.083	0.448	---	12
13	---	---	---	---	0.078	0.083	0.033	0.021	0.048	0.081	0.347	---	13
14	---	---	---	---	0.077	0.081	0.031	0.024	0.048	0.083	0.388	---	14
15	---	---	---	1.19	0.073	0.082	0.028	0.048	0.047	0.084	0.208	---	15
16	---	---	---	1.04	0.071	0.081	0.028	0.030	0.081	0.084	0.187	---	16
17	---	---	---	0.783	0.074	0.048	0.026	0.031	0.081	0.083	0.170	---	17
18	---	---	---	0.643	0.076	0.048	0.024	0.018	0.082	0.072	0.183	---	18
19	---	---	---	0.588	0.081	0.047	0.023	0.018	0.082	0.078	0.324	---	19
20	---	---	---	0.521	0.071	0.081	0.022	0.022	0.083	0.070	0.282	---	20
21	---	---	---	0.802	0.088	0.044	0.038	0.050	0.081	0.088	---	---	21
22	---	---	---	0.828	0.087	0.047	0.034	0.071	0.050	0.088	---	---	22
23	---	---	---	0.748	0.088	0.038	0.036	0.038	0.047	0.084	---	---	23
24	---	---	---	0.821	0.084	0.038	0.032	0.038	0.047	0.085	---	---	24
25	---	---	---	0.883	0.070	0.038	0.026	0.022	0.048	0.076	---	---	25
26	---	---	---	0.484	0.071	0.037	0.023	0.030	0.048	0.072	---	---	26
27	---	---	---	0.440	0.085	0.048	0.026	0.017	0.048	0.072	---	---	27
28	---	---	---	0.403	0.084	0.048	0.022	0.017	0.048	0.087	---	---	28
29	---		---	0.378	0.081	0.044	0.018	0.017	0.048	0.087	---	---	29
30	---		---	0.383	0.081	0.048	0.018	0.017	0.048	0.087	---	---	30
31	---		---		0.088		0.018	0.017	0.080	0.088	---	---	31
TOTAL	---	---	---	---	3.337	1.908	0.882	0.745	1.284	1.939	---	---	TOTAL
MEAN	---	---	---	---	0.104	0.080	0.031	0.024	0.043	0.082	---	---	MEAN
MAX	---	---	---	---	0.327	0.088	0.044	0.071	0.087	0.088	---	---	MAX
MIN	---	---	---	---	0.088	0.038	0.018	0.012	0.027	0.042	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 28 45 N
LONG 122 17 00 W
DRAINAGE AREA, 80.5 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	83.1
FEB	---	AUG	64.4
MAR	---	SEP	111
APR	---	OCT	167
MAY	280	NOV	---
JUN	130	DEC	---

DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

NATURAL FLOW

SHUSWAP LAKE AT CANOE - STATION NO. 08LE109

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	345.210A	345.005E	344.888A	344.884	345.837	347.287	347.611	348.328	348.044	345.624	345.383	345.673	1
2	345.212A	344.988A	344.880A	344.882	346.012	347.337	347.477	348.305	348.080	345.601	345.362	345.585	2
3	345.208A	344.985A	344.878A	345.003	346.082	347.388	347.441	348.300	348.088	345.588	345.383	345.587	3
4	345.186A	344.980A	344.878A	345.009	346.184	347.438	347.400	348.302	348.075	345.581	345.373	345.584	4
5	345.180A	344.972A	344.878A	345.021	346.250	347.487	347.348	348.289	348.079	345.580	345.384	345.548	5
6	345.166A	344.958A	344.868A	345.038	346.337	347.543	347.296	348.288	348.088	345.627	345.398	345.540	6
7	345.176A	344.952A	344.868A	345.051	346.440	347.581	347.249	348.243	348.054	345.508	345.403	345.538	7
8	345.184A	344.950A	344.880A	345.062	346.540	347.628	347.207	348.238	348.048	345.492	345.408	345.535	8
9	345.184A	344.944A	344.880A	345.071	346.639	347.668	347.183	348.219	348.030	345.472	345.428	345.527	9
10	345.180A	344.940A	344.852A	345.079	346.782	347.682	347.113	348.198	348.008	345.458	345.470	345.524	10
11	345.167A	344.928A	344.850A	345.083	346.881	347.698	347.084	348.174	348.980	345.483	345.527	345.513	11
12	345.164A	344.934A	344.852A	345.103	346.973	347.710	347.022	348.148	348.970	345.445	345.588	345.501	12
13	345.132A	344.918A	344.856A	345.114	347.023	347.728	346.985	348.121	348.942	345.443	345.588	345.488	13
14	345.128A	344.918A	344.868A	345.139	347.065	347.779	346.950	348.108	348.921	345.437	345.604	345.485	14
15	345.124A	344.910A	344.878A	345.172	347.080	347.854	346.930	348.104	348.903	345.426	345.607	345.478	15
16	345.122A	344.910A	344.888A	345.217	347.108	347.887	346.918	348.088	348.888	345.414	345.605	345.489	16
17	345.130A	344.910A	344.880A	345.287	347.181	347.910	346.881	348.108	348.878	345.401	345.608	345.488	17
18	345.124A	344.908A	344.894A	345.381	347.198	347.898	346.854	348.102	348.868	345.387	345.612	345.448	18
19	345.132A	344.902A	344.886A	345.327	347.224	347.895	346.828	348.088	348.847	345.374	345.619	345.427	19
20	345.108E	344.898A	344.900A	345.373	347.238	347.870	346.788	348.077	348.827	345.388	345.627	345.438	20
21	345.090A	344.892A	344.908A	345.438	347.240	347.843	346.748	348.073	348.808	345.387	345.627	345.424	21
22	345.088A	344.894A	344.908A	345.506	347.238	347.815	346.718	348.081	348.788	345.388	345.625	345.409	22
23	345.080A	344.884A	344.910A	345.568	347.240	347.785	346.670	348.113	348.770	345.381	345.624	345.401	23
24	345.072A	344.888A	344.910A	345.600	347.254	347.758	346.621	348.112	348.762	345.381	345.618	345.382	24
25	345.052A	344.900A	344.912A	345.648	347.283	347.728	346.580	348.103	348.728	345.387	345.620	345.381	25
26	345.048A	344.880A	344.928A	345.684	347.282	347.688	346.543	348.088	348.714	345.370	345.611	345.371	26
27	345.028A	344.880A	344.940A	345.726	347.280	347.658	346.504	348.088	348.688	345.380	345.608	345.368	27
28	345.022A	344.888A	344.950A	345.765	347.244	347.628	346.483	348.076	348.680	345.388	345.603	345.348	28
29	345.020A		344.988A	345.810	347.241	347.584	346.432	348.082	348.681	345.381	345.600	345.341	29
30	345.018E		344.988	345.868	347.241	347.540	346.406	348.048	348.641	345.378	345.592	345.332	30
31	345.010E		344.978		347.263		346.388	348.045		345.388		345.324	31
MEAN	345.118	344.927	344.885	345.300	346.887	347.677	346.818	348.152	348.853	345.438	345.535	345.480	MEAN
MAX	345.212	345.005	344.978	345.885	347.284	347.910	347.511	348.328	348.078	345.624	345.627	345.573	MAX
MIN	345.010	344.888	344.850	344.884	345.837	347.287	346.388	348.045	348.641	345.381	345.362	345.324	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 345.855
MAXIMUM DAILY, 347.910 ON JUN 17
MINIMUM DAILY, 344.850A ON MAR 8
MAXIMUM INSTANTANEOUS,
347.921 AT 19:58 PST ON JUN 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 45 17 N
LONG 119 13 43 W

A - MANUAL GAUGE
E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SHUSWAP RIVER NEAR ENDERBY - STATION NO. 08LC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	37.6	36.8B	34.0B	43.1	148	188	181	83.9	83.7	37.7	33.6	50.9	1
2	37.7	34.8B	33.7B	49.3	184	208	157	84.8	80.8	38.3	31.8	49.8	2
3	37.8	34.2B	33.8B	51.0	196	214	153	86.2	80.2	38.8	30.3	48.8	3
4	37.8	34.1B	33.2B	51.1	184	222	144	88.7	87.1	34.0	29.8	51.3	4
5	37.9	34.0B	33.0B	51.1	172	230	136	89.7	87.1	33.4	29.0	50.9	5
6	37.1	34.2B	33.4	51.1	188	238	132	89.0	87.1	32.8	40.8	49.8	6
7	36.2	34.4B	32.8	51.3	201	243	127	86.3	87.1	33.2	44.0	48.8	7
8	36.3	34.8B	32.2	51.1	210	245	127	87.3	87.1	31.7	43.2	48.4	8
9	36.8	34.8B	32.3	51.3	222	249	126	87.3	86.8	31.3	47.8	48.9	9
10	36.8	36.0B	32.8	52.0	238	248	113	86.8	86.2	31.3	52.8	48.1	10
11	37.0	36.3B	32.8	52.2	258	248	108	86.8	83.2	31.4	58.0	48.3	11
12	37.8	36.8B	38.7	53.8	284	243	102	84.8	82.2	31.8	60.8	45.4	12
13	36.3	36.8B	39.3	57.1	247	247	88.7	83.0	81.3	31.8	60.8	44.6	13
14	37.8	36.1B	38.7	63.0	241	250	81.2	82.6	80.3	31.8	59.8	44.2	14
15	36.0	35.0B	38.4	70.4	238	271	84.8	83.9	49.4	31.8	58.2	44.0	15
16	36.3	35.0B	38.2	75.0	231	287	89.4	84.7	48.8	31.7	57.1	43.6	16
17	36.8	35.0B	37.8	76.0	227	283	85.0	87.3	48.8	30.8	57.1	41.7	17
18	37.8	35.8B	37.6	76.4	228	268	81.1	88.4	47.7	30.8	57.1	41.7	18
19	37.8	35.8B	37.1	81.8	235	252	77.1	84.8	48.3	30.4	58.8	41.7	19
20	37.8	36.7B	37.0	92.0	319	248	74.0	83.7	48.2	30.0	57.3	41.8	20
21	37.8	35.8B	38.0	104	312	237	71.3	83.2	46.8	30.0	57.8	41.8	21
22	37.8	35.8B	38.6	105	304	231	67.8	84.7	44.3	30.8	58.3	41.0	22
23	38.0	36.3B	38.6	106	303	227	67.0	84.4	44.0	30.0	57.8	40.7	23
24	37.8	36.3B	38.6	111	307	213	65.0	83.7	43.8	28.1	57.8	40.7	24
25	37.8	36.0B	40.0	117	303	201	63.4	83.0	43.4	27.3	57.1	40.7	25
26	37.7	34.7B	40.7	130	188	184	81.8	82.3	42.8	28.8	56.1	40.8	26
27	37.8	34.4B	41.0	122	183	183	80.6	82.3	41.7	33.2	56.7	40.8	27
28	37.8	34.1B	41.3	128	188	174	88.7	83.8	40.1	33.0	55.3	40.8	28
29	37.8		41.2	131	188	188	86.3	82.3	39.2	33.0	53.7	40.7	29
30	37.7		41.0	138	185	182	87.3	81.6	38.2	32.8	53.7	39.8	30
31	37.8		41.1		189		86.3	83.9		32.8		39.8	31
TOTAL	1 184.8	984.2	1 146.8	2 374.2	6 388	6 824	2 987.8	1 702.7	1 486.0	945.2	1 688.8	1 376.3	TOTAL
MEAN	37.8	35.2	37.0	78.1	206	227	85.7	84.8	48.8	31.8	81.8	44.8	MEAN
MAX	38.8	36.8	41.3	136	288	271	181	88.7	80.8	37.7	60.8	81.3	MAX
MIN	36.3	34.0	32.2	43.1	148	182	88.2	81.8	38.2	28.8	31.8	39.8	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 78.3
MAXIMUM DAILY, 271 ON JUN 15
MINIMUM DAILY, 28.8 ON OCT 26

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 32 45 N
LONG 119 09 47 W
DRAINAGE AREA, 4 880 km²

B - ICE CONDITIONS

REGULATED SINCE 1940

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	101 000	JUL	266 000
FEB	85 000	AUG	147 000
MAR	98 100	SEP	128 000
APR	206 000	OCT	86 100
MAY	553 000	NOV	135 000
JUN	590 000	DEC	119 000

TOTAL DISCHARGE, 2 800 000 dam³

SIKANNI CHIEF RIVER NEAR FORT NELSON - STATION NO. 10CB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.258	4.478	4.188	3.718	30.8	95.9	85.2	32.4	40.5	27.7	13.2 B	9.008	1
2	7.008	4.488	4.108	3.708	35.0	97.7	82.3	33.9	40.7	28.8	13.1 B	8.808	2
3	6.998	4.838	4.048	3.718	37.7	93.5	82.9	32.0	39.3	28.8	13.4 B	8.508	3
4	6.858	4.558	3.978	3.748	38.8	88.9	76.7	30.3	36.6	28.4	13.5 B	8.258	4
5	6.808	4.908	3.848	3.808	44.3	104	74.3	28.8	35.3	27.1	13.3 B	8.008	5
6	6.808	4.818	3.808	3.838	48.2	104	87.4	28.1	33.8	28.7	12.1 B	7.808	6
7	6.708	4.828	3.708	4.008	51.6	95.5	77.8	28.5	32.2	28.2	11.3 B	7.858	7
8	6.858	4.848	3.858	4.058	56.8	88.4	78.4	29.3	31.8	28.0	11.0 B	7.488	8
9	6.828	4.858	3.988	4.218	84.7	108	71.4	31.*	30.4	24.4	10.8 B	7.308	9
10	6.838	4.888	3.818	4.648	81.1	98.1	88.9	140	28.8	23.9	10.6 B	7.088	10
11	6.878	4.708	3.828	4.878	77.8	93.1	86.0	176	28.0	22.8	10.6 B	6.908	11
12	6.888	4.738	3.818	4.858	86.8	92.8	82.6	133	27.2	21.8	10.7 B	6.858	12
13	6.808	4.728	3.888	5.008	87.8	93.1	84.8	97.8	26.7	21.2	10.3 B	7.158	13
14	6.838	4.648	3.888	5.408	82.9	89.3	86.8	86.2	26.8	20.3	10.3 B	7.288	14
15	6.378	4.648	3.858	5.888	83.2	83.8	81.9	80.8	26.8	18.8	10.4 B	7.068	15
16	6.388	4.808	3.828	6.408	88.8	70.8	68.8	118	24.8	17.3	10.8 B	6.808	16
17	6.388	4.808	3.888	7.108	88.0	88.7	48.2	88.4	23.8	18.0	10.8 B	6.858	17
18	6.408	4.708	3.808	8.008	81.1	84.8	44.8	83.8	23.1	18.7	11.2 B	6.808	18
19	6.388	4.738	3.848	8.808	48.4	88.1	48.0	84.8	22.4	18.8	11.4 B	6.858	19
20	6.408	4.788	3.858	10.8 B	44.8	83.8	41.8	78.2	22.3	18.0	11.2 B	6.308	20
21	6.288	4.778	3.888	12.0 B	48.3	88.1	38.8	73.8	22.0	17.8	10.7 B	6.208	21
22	6.188	4.808	3.888	14.2 B	48.8	88.0	38.8	73.8	26.8	17.8	10.4 B	6.008	22
23	4.838	4.828	3.858	16.0 B	50.6	84.0	34.8	73.8	28.7	17.7	10.2 B	5.858	23
24	4.808	4.788	3.808	18.0 B	50.0	88.8	33.7	88.2	28.3	18.7	9.808	5.808	24
25	4.868	4.788	3.878	21.8 B	48.3	87.4	34.1	84.7	28.8	18.7	9.488	5.288	25
26	4.878	4.838	3.838	24.0 B	88.4	81.8	32.4	81.7	24.3	18.8	9.308	5.308	26
27	4.868	4.478	3.868	28.0 B	88.8	103	30.4	87.1	22.7	14.8	9.008	5.258	27
28	4.808	4.388	3.808	28.1 B	48.1	88.2	30.0	82.8	21.8	14.1	8.808	5.208	28
29	4.808		3.888	30.0 B	48.8	78.4	31.0	48.0	23.3	13.88	8.108	5.158	29
30	4.838		3.708	30.8 B	88.3	88.0	31.8	45.8	27.8	14.48	9.208	5.078	30
31	4.488		3.738		88.7		33.1	43.7		14.18		5.008	31
TOTAL	171.88	128.82	113.88	328.80	1 881.8	2 438.8	1 885.3	2 210.8	888.1	838.7	338.38	218.87	TOTAL
MEAN	5.54	4.84	3.67	11.0	83.3	81.2	81.8	71.3	28.2	28.3	10.8	8.84	MEAN
MAX	7.25	4.82	4.18	30.8	88.7	108	78.4	174	40.7	37.7	13.8	8.00	MAX
MIN	4.48	4.38	3.81	3.70	30.8	84.0	30.0	28.8	21.8	13.8	8.88	5.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.2
MAXIMUM DAILY, 174 ON AUG 11
MINIMUM DAILY, 3.818 ON MAR 10
MAXIMUM INSTANTANEOUS,
208 AT 20:33 PST ON AUG 10

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 14 03 N
LONG 122 41 39 W
DRAINAGE AREA, 2 180 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	14 800	JUL	138 000
FEB	11 200	AUG	191 000
MAR	9 840	SEP	73 100
APR	28 800	OCT	84 400
MAY	163 000	NOV	28 200
JUN	210 000	DEC	18 800

TOTAL DISCHARGE, 831 000 dam³

SILVERDALE CREEK NEAR MISSION - STATION NO. 08MH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.47	1.40 B	0.868	1.61	0.353	0.833	0.361	0.218	0.178	0.131	0.383	0.711	1
2	1.88	1.10 B	0.814	1.78	0.448	0.841	0.337	0.263	0.172	0.119	0.358	0.618	2
3	8.64	0.8808	0.482	1.81	0.387	0.488	0.342	0.218	0.167	0.114	3.08	1.82	3
4	3.24	0.8008	0.438	1.88	0.338	0.408	0.288	0.182	0.158	0.124	3.88	0.88	4
5	1.81	0.7888	0.788	3.32	0.324	0.382	0.238	0.180	0.188	0.134	1.48	2.38	5
6	1.41	0.7008	1.03	2.88	0.318	0.288	0.208	0.138	0.182	0.135	2.48	2.38	6
7	1.11	0.8408	0.788	2.12	0.281	0.337	0.188	0.128	0.148	0.128	2.08	1.88	7
8	0.878	0.8908	0.618	1.48	0.288	0.318	0.271	0.128	0.138	0.138	2.88	2.81	8
9	1.48	0.4808	0.884	1.08	0.258	0.281	0.233	0.128	0.134	0.128	8.28	1.88	9
10	1.38	0.3888	1.01	0.908	0.348	0.288	0.208	0.138	0.138	0.231	12.8	1.28	10
11	1.18	0.3208	1.28	0.774	0.383	0.278	0.188	0.118	0.135	0.388	4.84	1.08	11
12	1.38	0.3508	1.88	0.782	0.348	0.258	0.177	0.117	0.132	0.418	2.71	0.918	12
13	1.78	0.1908	2.01	0.884	0.283	0.284	0.188	0.118	0.132	0.884	1.87	0.784	13
14	1.48	0.1888	1.54	0.807	0.258	0.482	0.248	0.181	0.138	0.374	1.41	0.708	14
15	1.88	0.1208	1.08	0.848	0.238	0.382	0.272	0.218	0.123	0.278	1.08	0.838	15
16	7.98	0.0888	0.878	0.884	0.313	0.288	0.243	0.288	0.118	0.284	0.882	0.888	16
17	8.84	0.0808	0.788	0.888	0.843	0.308	0.238	0.228	0.138	0.288	0.812	0.848	17
18	8.14	0.1028	0.782	0.477	1.08	0.358	0.188	0.188	0.138	0.484	0.871	0.488	18
19	2.88	0.487	0.887	0.487	0.781	0.884	0.163	0.188	0.134	0.388	1.17	0.831	19
20	1.87	0.487	0.858	0.728	0.518	0.884	0.188	0.841	0.127	0.348	3.48	0.771	20
21	1.88	0.888	0.878	0.813	0.388	0.383	0.188	2.82	0.122	0.888	3.23	0.888	21
22	1.43	1.48	0.831	0.888	0.381	0.308	0.147	1.18	0.118	0.838	1.88	0.878	22
23	1.18	1.14	0.888	0.881	1.18	0.288	0.143	0.884	0.118	1.08	1.88	0.887	23
24	0.878	1.08	0.728	0.483	3.83	0.238	0.188	0.371	0.118	1.88	1.87	0.488	24
25	0.888	0.778	1.17	0.428	3.81	0.238	0.137	0.288	0.188	0.737	2.72	0.472	25
26	0.837	0.871	1.48	0.428	1.48	0.234	0.138	0.283	0.138	1.32	1.83	0.481	26
27	1.08	0.888	2.11	0.888	2.84	0.288	0.123	0.281	0.134	1.87	1.38	0.483	27
28	0.888	0.888	1.88	0.414	1.83	0.307	0.128	0.218	0.118	0.788	1.12	0.448	28
29	0.888		1.82	0.387	1.21	0.282	0.128	0.208	0.113	0.588	0.834	0.482	28
30	2.88		1.48	0.387	0.818	0.248	0.137	0.181	0.117	0.481	0.828	0.838	30
31	2.84		1.84		0.788		0.182	0.181		0.428		0.887	31
TOTAL	88.838	17.288	33.784	28.388	24.887	10.384	8.288	8.738	3.884	14.288	78.878	32.888	TOTAL
MEAN	2.88	0.818	1.08	0.878	0.883	0.348	0.282	0.314	0.133	0.480	2.83	1.08	MEAN
MAX	7.88	1.48	2.11	3.32	3.83	0.833	0.381	2.82	0.178	1.88	12.8	4.88	MAX
MIN	0.888	0.888	0.438	0.387	0.338	0.238	0.128	0.117	0.188	0.114	0.388	0.488	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.884
MAXIMUM DAILY, 12.8 ON NOV 10
MINIMUM DAILY, 0.0808 ON FEB 16

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 04 N
LONG 122 20 14 W
DRAINAGE AREA, 17.1 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 800	JUL	843
FEB	1 480	AUG	841
MAR	2 020	SEP	366
APR	3 830	OCT	1 230
MAY	2 180	NOV	8 830
JUN	884	DEC	2 830

TOTAL DISCHARGE, 27 900 dam³

SIMILKAMEEN RIVER ABOVE GOODFELLOW CREEK - STATION NO. 08NL070

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.088	0.8408	1.108	1.40	22.3	48.4	7.78	3.59	1.83	0.887	1.11	3.78	1
2	3.118	0.8808	1.008	1.40	26.3	57.8	6.88	3.06	2.83	0.883	1.30	3.81	2
3	3.088	0.8208	1.038	1.38	35.2	53.8	6.88	2.84	2.88	0.846	1.54	4.81	3
4	2.808	0.7408	1.088	1.36	37.0	48.8	6.30	2.58	2.11	0.817	3.52	38.0	4
5	2.208	0.8208	1.138	2.06	38.8	53.3	5.88	2.37	1.88	0.897	2.88	28.2	5
6	1.708	0.8808	1.208	2.81	38.3	51.3	5.44	2.28	1.78	0.885	2.38	17.8	6
7	1.528	0.8808	1.238	4.04	46.8	44.7	5.38	2.36	1.84	0.870	2.24	13.8	7
8	1.438	0.8308	1.258	4.00	48.4	40.1	5.31	2.24	1.88	0.886	2.28	12.8	8
9	1.428	0.8708	1.248	3.88	50.0	34.5	4.84	2.47	1.47	0.883	12.4	10.8	9
10	1.428	1.00 B	1.228	3.38	53.3	30.2	5.28	2.08	1.41	1.07	32.7	8.88	10
11	1.438	1.08 B	1.208	3.83	37.8	28.4	5.72	1.91	1.34	1.48	18.8	7.15	11
12	1.478	1.12 B	1.188	4.80	28.8	28.8	5.28	1.87	1.30	2.08	11.8	7.28	12
13	1.508	1.20 B	1.168	5.80	24.4	29.8	5.48	1.88	1.30	2.43	8.88	7.28	13
14	1.858	1.30 B	1.188	7.89	23.4	28.8	5.21	1.70	1.23	2.18	7.08	7.04	14
15	1.808	1.38 B	1.188	11.3	21.8	23.5	7.82	1.88	1.18	1.74	8.88	8.72	15
16	1.878	1.42 B	1.188	12.8	23.8	18.8	5.78	3.14	1.14	1.42	8.88	8.00	16
17	1.828	1.46 B	1.118	11.0	23.4	15.3	5.18	2.88	1.18	1.38	8.34	8.82	17
18	1.888	1.50 B	1.088	11.0	21.5	14.0	4.88	2.43	1.21	1.38	8.07	4.38	18
19	1.828	1.82 B	1.038	12.4	18.4	13.5	4.42	2.34	1.17	1.81	8.87	8.78	19
20	1.488	1.88 B	1.108	15.2	17.0	11.8	4.34	2.87	1.12	1.83	7.24	8.40	20
21	1.328	1.88 B	1.188	16.0	16.8	10.5	4.08	2.21	1.08	1.73	8.28	4.89	21
22	1.188	1.82 B	1.198	13.7	16.7	10.8	3.78	2.27	1.07	1.82	8.53	4.88	22
23	1.008	1.88 B	1.228	12.2	16.8	11.5	3.42	2.11	1.11	1.71	8.00	4.81	23
24	1.068	1.85 B	1.308	11.3	16.3	11.8	3.26	2.06	1.06	2.22	8.58	4.48	24
25	1.208	1.80 B	1.408	11.2	14.2	11.5	3.12	2.03	0.972	2.03	8.20	4.31	25
26	1.388	1.57 B	1.82	10.9	12.8	11.8	3.08	1.87	1.02	1.88	4.85	4.26	26
27	1.858	1.82 B	1.84	10.7	10.8	8.77	3.04	2.03	1.08	1.84	4.85	4.38	27
28	1.708	1.48 B	1.82	11.5	20.3	8.44	3.03	1.87	0.988	1.88	4.38	4.05	28
29	1.848		1.48	13.8	21.3	8.01	2.81	1.81	0.852	1.47	4.09	3.80	29
30	1.508		1.44	17.8	24.8	8.38	2.87	1.71	0.928	1.47	3.78	3.73	30
31	1.108		1.44		33.2		2.85	1.87		1.38		3.84	31
TOTAL	61.90	34.480	38.08	250.08	817.8	774.87	149.38	89.44	41.370	48.883	197.84	288.88	TOTAL
MEAN	1.87	1.23	1.23	8.34	26.4	25.8	4.82	2.24	1.38	1.48	8.88	8.28	MEAN
MAX	3.11	1.88	1.84	17.8	53.3	57.8	7.78	3.14	2.83	2.43	32.7	38.0	MAX
MIN	1.00	0.880	1.00	1.38	13.8	8.01	2.85	1.87	0.928	0.883	1.11	3.84	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.47
MAXIMUM DAILY, 57.8 ON JUN 2
MINIMUM DAILY, 0.8808 ON FEB 2
MAXIMUM INSTANTANEOUS,
88.7 AT 22:08 PST ON JUN 2

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 59 N
LONG 120 38 55 W
DRAINAGE AREA, 407 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 480	JUL	12 800
FEB	3 880	AUG	9 000
MAR	3 280	SEP	3 870
APR	21 800	OCT	3 870
MAY	70 800	NOV	17 100
JUN	68 800	DEC	22 200

TOTAL DISCHARGE, 236 000 dam³

SIMILKAMEEN RIVER AT PRINCETON - STATION NO. 08NL007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.808	2.008	2.808	4.11	82.2	87.7	26.8	8.40	4.47	2.81	3.88	8.82	1
2	5.808	1.888	2.388	4.01	82.2	132	24.7	7.00	8.82	2.81	3.18	7.78	2
3	5.888	1.888	2.448	3.78	81.8	136	22.8	7.82	7.80	2.78	3.82	13.8	3
4	5.308	1.808	2.508	3.88	84.7	136	20.8	6.71	6.35	3.82	8.30	48.8	4
5	4.808	1.888	2.858	4.81	71.8	128	20.1	6.03	5.38	3.82	7.30	82.4	5
6	4.208	1.988	2.788	6.84	88.0	132	18.0	5.70	4.82	2.87	8.03	28.8	6
7	3.908	2.008	2.858	8.38	112	114	17.4	5.78	4.58	2.83	5.88	30.8	7
8	3.708	2.058	3.008	10.1	118	104	17.1	5.37	4.30	2.84	8.17	27.7	8
9	3.858	2.108	3.008	9.08	124	93.7	16.1	5.48	4.11	2.88	10.7	24.3	9
10	3.808	2.158	2.888	9.05	138	80.4	15.4	5.03	3.88	2.77	48.3	20.7	10
11	3.608	2.258	2.888	9.17	104	78.4	18.8	5.38	3.78	3.32	48.8	18.3	11
12	3.808	2.328	3.008	11.3	78.7	75.3	17.0	5.07	3.88	3.88	28.8	16.8	12
13	3.888	2.428	3.048	14.1	88.8	77.1	16.3	4.78	3.82	5.04	21.0	14.7	13
14	3.758	2.558	3.088	16.8	80.1	71.7	15.8	4.84	3.82	5.28	17.4	15.2	14
15	3.858	2.888	3.108	26.4	56.4	85.8	22.4	4.93	3.24	4.80	13.4	15.2	15
16	3.808	2.808	3.068	32.3	81.0	84.5	21.4	7.12	3.18	4.10	13.8	12.3	16
17	4.008	2.858	2.858	31.0	80.8	48.8	17.8	6.89	3.18	3.70	12.4	11.8	17
18	4.028	3.068	2.908	28.8	88.8	41.8	15.4	7.02	3.18	3.88	11.4	10.1	18
19	3.858	3.108	3.008	34.1	81.7	38.8	13.8	6.24	3.10	3.85	11.5	8.73	19
20	3.808	3.188	3.158	38.5	48.8	37.2	12.8	5.87	3.18	4.18	14.0	12.4	20
21	3.808	3.268	3.228	44.3	44.8	33.4	11.8	5.47	3.18	3.88	18.1	11.0 A	21
22	3.308	3.308	3.288	40.4	46.3	32.0	10.8	5.48	3.12	3.98	18.0	11.0	22
23	2.808	3.258	3.348	38.8	48.8	33.8	9.71	5.51	3.06	4.14	13.4	10.8	23
24	2.808	3.108	3.458	33.1	44.8	35.0	8.85	5.38	2.98	4.75	13.0	10.1	24
25	3.058	3.028	3.558	32.9	40.8	34.5	8.51	5.28	2.98	5.73	11.8	8.78	25
26	3.358	3.008	3.608	31.8	38.8	34.4	8.08	5.18	3.03	4.80	10.7	8.13	26
27	3.858	2.858	4.308	31.8	42.8	31.8	7.93	5.14	3.24	4.83	10.8	8.88	27
28	3.858	2.808	4.488	32.8	62.8	27.4	7.88	5.10	3.13	4.28	8.78	8.38	28
29	4.108		4.408	35.8	58.1	24.4	7.34	4.93	2.98	3.89	8.48	8.38	29
30	4.358		4.388	43.1	58.8	26.0	8.81	4.58	2.83	3.81	8.08	8.87	30
31	3.408		4.248		72.3		8.58	4.41		3.89		7.81	31
TOTAL	122.31	71.33	98.92	574.98	2 078.2	2 038.8	488.38	182.78	118.40	118.11	408.18	818.81	TOTAL
MEAN	3.95	2.55	3.22	22.5	67.1	68.0	15.1	5.90	3.95	3.81	13.8	18.8	MEAN
MAX	5.80	3.30	4.48	44.3	138	138	26.8	8.89	7.80	5.73	48.3	82.4	MAX
MIN	2.80	1.80	2.38	3.88	38.8	24.4	8.58	4.41	2.82	2.84	3.18	8.82	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.8
MAXIMUM DAILY, 138 ON MAY 10
MINIMUM DAILY, 1.808 ON FEB 2
MAXIMUM INSTANTANEOUS,
183 AT 03:52 PST ON JUN 3

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 27 35 N
LONG 120 30 07 W
DRAINAGE AREA, 1 850 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	10 600	JUL	40 500
FEB	6 180	AUG	15 800
MAR	8 830	SEP	8 870
APR	58 300	OCT	10 200
MAY	180 000	NOV	35 400
JUN	176 000	DEC	44 800

TOTAL DISCHARGE, 596 000 dam³

SIMILKAMEEN RIVER NEAR HEDLEY - STATION NO. 08NL038

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.7 B	7.008	7.708	10.8	158	248	48.8	13.8	12.0	7.30	10.4	24.8	1
2	10.7 B	4.808	8.808	10.4	176	286	46.0	14.0	14.4	7.38	8.84	24.8	2
3	10.7 B	4.808	7.808	10.4	183	288	43.4	14.7	25.8	7.43	11.4	26.8	3
4	10.4 B	5.308	8.008	10.4	181	283	40.0	14.8	20.7	7.30	21.4	102	4
5	9.808	5.708	8.508	11.3	210	266	38.8	14.8	17.4	7.23	26.8	141	5
6	9.108	6.008	8.808	14.4	234	288	33.5	13.5	15.3	7.18	21.8	82.8	6
7	7.908	6.108	8.808	20.5	282	230	32.0	13.0	18.1	7.18	21.1	72.8	7
8	7.708	6.408	8.858	24.8	281	211	30.4	13.3	14.0	8.84	19.3	64.7	8
9	7.808	6.708	9.158	23.3	285	188	28.4	14.8	13.2	8.78	83.3	58.2	9
10	7.808	7.008	9.208	22.8	301	183	28.0	13.7	12.3	8.71	288	80.4	10
11	7.808	7.308	8.208	24.0	328	180	32.0	11.8	11.8	8.30	183	40.8	11
12	7.708	7.808	8.208	27.8	182	181	30.0	10.8	11.8	13.8	80.0	38.8	12
13	7.808	7.808	8.308	34.8	184	181	28.0	10.8	10.8	17.8	85.7	38.8	13
14	8.108	8.208	8.408	48.7	143	138	31.2	10.4	10.4	15.8	83.2	38.0	14
15	8.408	8.508	8.708	68.1	136	128	39.0	11.3	9.78	14.8	43.3	38.8	15
16	8.708	8.008	8.808	83.4	148	107	40.2	18.1	8.08	12.8	41.1	33.3	16
17	9.108	8.408	8.808	78.5	148	90.3	33.8	24.8	8.81	11.3	38.8	32.1	17
18	8.308	8.508	8.38	78.5	138	81.8	30.2	21.0	8.85	10.8	38.8	32.1	18
19	8.008	8.708	8.82	88.9	120	77.5	27.0	17.7	8.08	12.4	36.8	28.1	19
20	8.808	8.808	9.02	102	107	73.8	25.0	17.7	8.08	13.8	81.8	30.8	20
21	8.308	10.0 B	9.20	118	102	84.8	23.3	17.3	8.85	12.4	78.1	28.4	21
22	8.008	10.2 B	10.1	108	100	81.5	21.5	17.7	8.88	12.8	57.8	26.8	22
23	7.708	10.2 B	10.1	94.8	104	81.3	20.0	17.0	8.42	12.4	47.8	26.8	23
24	7.508	10.0 B	10.1	88.3	98.8	82.5	18.7	15.8	8.21	14.2	42.8	25.8	24
25	7.508	8.808	10.2	89.8	92.3	81.8	17.8	14.7	7.81	17.7	38.0	24.3	25
26	7.888	8.308	10.8	87.2	83.5	80.5	16.8	14.4	7.80	15.8	36.8	23.8	26
27	8.008	8.808	10.8	88.0	108	84.3	16.4	14.0	8.28	15.1	33.8	23.8	27
28	8.808	8.608	11.8	88.2	183	48.0	16.3	13.8	8.12	14.3	32.0	22.4	28
29	8.308		11.2	105	181	46.4	15.8	13.8	7.88	13.8	28.8	21.8	29
30	8.808		11.0	127	173	48.0	14.8	13.0	7.48	12.2	27.2	21.5	30
31	8.008		10.8		204		14.0	12.1		12.0		20.9	31
TOTAL	288.18	225.10	282.33	1 775.3	5 230.4	4 138.0	681.2	484.8	348.28	383.37	1 803.14	1 288.0	TOTAL
MEAN	8.86	7.87	9.43	59.2	169	138	28.4	15.0	11.6	11.4	80.1	40.8	MEAN
MAX	10.7	10.2	11.8	127	301	286	48.8	24.8	25.8	17.7	288	141	MAX
MIN	7.80	4.80	8.80	10.4	92.3	45.4	14.0	10.4	7.48	8.71	8.84	20.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 45.8
MAXIMUM DAILY, 301 ON MAY 10
MINIMUM DAILY, 4.808 ON FEB 2
MAXIMUM INSTANTANEOUS,
341 AT 14:51 PST ON NOV 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 23 39 N
LONG 120 09 08 W
DRAINAGE AREA, 5 580 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	23 200	JUL	76 100
FEB	18 300	AUG	40 200
MAR	25 300	SEP	28 800
APR	153 000	OCT	30 500
MAY	482 000	NOV	130 000
JUN	367 000	DEC	110 000

TOTAL DISCHARGE, 1 450 000 dam³

SIMILKAMEEN RIVER NEAR NIGHTHAWK - STATION NO. 08NL022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.348	9.08	14.3	14.8	144	255	75.3	22.9	18.1	11.8	17.2	37.4	1
2	8.818	7.088	13.1	15.0	188	287	76.3	21.8	18.6	11.3	16.0	34.8	2
3	10.3 B	6.888	11.88	14.8	188	334	71.8	23.3	26.8	11.3	18.7	34.8	3
4	10.8 B	6.518	12.78	14.8	187	328	67.4	28.1	34.8	11.4	17.8	40.8	4
5	10.8 B	7.088	13.0	14.4	213	328	62.8	24.4	30.0	11.4	28.8	128	5
6	8.818	7.858	13.3	14.7	231	331	58.3	22.2	26.8	11.2	31.7	114	6
7	8.088	7.888	13.8	15.7	288	317	54.7	20.7	24.7	11.1	28.1	88.8	7
8	8.508	8.788	13.8	22.0	300	282	51.3	19.7	23.2	11.0	27.2	78.7	8
9	8.508	8.818	13.4	25.2	311	273	48.0	19.3	21.7	10.7	26.8	74.8	9
10	8.508	8.818	13.8	28.1	317	249	47.0	20.8	20.8	10.8	88.7	88.4	10
11	8.608	11.3 B	14.2	28.3	320	227	47.3	19.8	19.8	10.4	221	82.3	11
12	8.508	12.7 B	14.2	27.3	272	218	48.2	18.0	18.0	11.0	124	84.1	12
13	8.788	14.2 B	18.2	30.8	234	210	46.8	17.3	18.3	14.8	88.8	84.1	13
14	8.348	15.3	15.8	37.4	212	203	45.0	18.4	17.8	18.8	74.8	82.1	14
15	8.348	15.8	15.3	48.0	198	184	80.1	16.7	16.8	15.0	88.3	80.7	15
16	8.818	15.8	14.8	88.4	158	178	80.0	18.1	18.1	18.3	87.8	48.0	16
17	10.8 B	15.8	14.2	78.8	188	184	88.8	28.3	18.4	18.7	88.8	46.3	17
18	11.3 B	15.4	14.1	77.8	188	137	81.8	33.4	18.1	18.8	82.4	43.8	18
19	10.8 B	15.8	13.7	81.3	180	128	48.7	30.3	18.0	18.3	88.8	38.8	19
20	10.3 B	16.0	13.8	84.3	183	117	42.8	28.2	14.8	18.0	83.8	37.8	20
21	10.2 B	18.4	13.4	107	181	107	38.8	27.8	14.8	17.2	88.3	40.8	21
22	8.818	17.1	13.8	118	148	88.3	37.1	28.4	14.1	18.8	78.8	37.8	22
23	8.638	17.8	14.0	108	144	85.4	38.1	28.8	13.8	18.1	88.8	37.1	23
24	8.088	17.8	13.8	88.1	144	83.8	32.8	24.8	13.2	18.8	88.8	38.2	24
25	8.088	17.1	13.8	88.8	138	81.8	30.8	23.4	12.8	21.1	84.7	38.4	25
26	8.088	15.8	13.8	87.4	130	88.8	28.8	22.8	12.8	23.4	80.7	33.4	26
27	8.838	15.4	13.8	88.7	133	88.1	27.2	21.8	12.3	21.7	47.8	33.1	27
28	10.8 B	15.1	14.0	88.4	187	78.3	28.8	21.8	12.8	20.8	48.3	32.3	28
29	13.4		14.3	102	200	73.8	27.4	21.2	13.8	19.8	43.8	31.1	29
30	12.8		14.8	118	201	71.8	26.1	20.7	13.1	18.3	38.8	30.3	30
31	13.4		15.1		231		24.3	19.8		17.8		28.7	31
TOTAL	307.84	358.72	430.1	1 788.8	6 288	5 848.8	1 443.8	704.3	547.1	482.8	1 884.1	1 887.1	TOTAL
MEAN	9.92	12.8	13.8	59.8	202	188	48.8	22.7	18.2	15.5	88.8	60.8	MEAN
MAX	13.4	17.8	15.5	118	320	334	78.3	33.4	34.8	23.4	221	128	MAX
MIN	8.80	8.88	11.8	14.4	138	71.8	24.3	18.4	12.1	10.4	18.7	28.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 58.2
MAXIMUM DAILY, 334 ON JUN 3
MINIMUM DAILY, 8.888 ON FEB 3
MAXIMUM INSTANTANEOUS,
351 ON JUN 3

SUMMARY FOR THE YEAR 1988

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 05 N
LONG 119 37 03 W
DRAINAGE AREA, 5 150 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	28 000	JUL	125 000
FEB	31 000	AUG	80 800
MAR	37 200	SEP	47 300
APR	154 000	OCT	41 800
MAY	542 000	NOV	148 000
JUN	488 000	DEC	138 000

TOTAL DISCHARGE, 1 830 000 dam³

SIMPSON CREEK AT THE MOUTH - STATION NO. 08EE012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0138	0.0128	0.0108	0.0248	0.740	1.38	0.727	0.278	0.118	0.181	0.0628	0.124	1
2	0.0138	0.0118	0.0088	0.0248	0.877	1.08	0.884	0.271	0.108	0.158	0.0638	0.208	2
3	0.0138	0.0088	0.0098	0.0268	0.888	1.10	0.884	0.220	0.111	0.183	0.0688	0.328	3
4	0.0138	0.0088	0.0118	0.0258	1.01	1.80	0.510	0.244	0.118	0.182	0.0658	0.328	4
5	0.0138	0.0078	0.0138	0.0288	1.08	1.77	0.400	0.207	0.108	0.183	0.0638	0.214	5
6	0.0138	0.0088	0.0148	0.0268	1.17	1.08	0.373	0.202	0.118	0.150	0.0648	0.184	6
7	0.0138	0.0088	0.0148	0.0268	1.23	1.00	0.414	0.220	0.138	0.133	0.0648	0.134	7
8	0.0128	0.0088	0.0158	0.0258	1.15	0.873	0.558	0.217	0.125	0.118	0.0648	0.113	8
9	0.0128	0.0108	0.0158	0.0288	0.884	0.718	0.580	0.190	0.108	0.117	0.0688	0.098	9
10	0.0128	0.0108	0.0148	0.0268	0.888	0.818	0.734	0.121	0.098	0.108	0.0688	0.094	10
11	0.0128	0.0108	0.0148	0.0288	0.618	1.25	0.703	0.128	0.086	0.100	0.0688	0.088	11
12	0.0138	0.0108	0.0148	0.0278	0.321	1.40	0.800	0.135	0.080	0.093	0.0678	0.078	12
13	0.0138	0.0108	0.0148	0.027	0.268	1.38	0.822	0.218	0.087	0.088	0.0678	0.074	13
14	0.0138	0.0118	0.0148	0.028	0.267	1.37	0.725	0.201	0.087	0.085A	0.0658	0.089	14
15	0.0138	0.0118	0.0158	0.031	0.332	0.786	0.481	0.202	0.078	0.081E	0.0618	0.071	15
16	0.0138	0.0118	0.0158	0.043	0.441	0.548	0.410	0.188	0.080	0.088E	0.061E	0.067	16
17	0.0138	0.0118	0.0158	0.038	0.378	0.426	0.374	0.248	0.077	0.088E	0.068E	0.065	17
18	0.0148	0.0118	0.0158	0.034	0.323	0.374	0.387	0.484	0.080	0.087A	0.150E	0.062	18
19	0.0148	0.0118	0.0178	0.032	0.284	0.308	0.405	0.277	0.147	0.088	0.480E	0.061	19
20	0.0138	0.0128	0.0188	0.032	0.264	0.301	0.487	0.267	0.378	0.095	0.348A	0.0588	20
21	0.0128	0.0128	0.0188	0.034	0.248	0.317	0.344	0.260	0.327	0.084	0.241	0.0588	21
22	0.0118	0.0128	0.0208	0.080	0.233	0.367	0.273	0.310	0.288	0.077	0.177	0.064	22
23	0.0118	0.0138	0.0208	0.105	0.218	0.785	0.226	0.258	0.178	0.078	0.150	0.060	23
24	0.0118	0.0138	0.0218	0.080	0.240	0.858	0.238	0.212	0.131	0.070	0.121	0.063	24
25	0.0128	0.0138	0.0218	0.085	0.270	0.845	0.267	0.188	0.113	0.058A	0.108	0.505	25
26	0.0138	0.0128	0.0228	0.085	0.272	0.888	0.280	0.188	0.108	0.057E	0.098	0.538	26
27	0.0148	0.0138	0.0228	0.067	0.282	0.358	0.418	0.167	0.101	0.058E	0.088	0.438	27
28	0.0158	0.0118	0.0238	0.108	0.488	0.328	0.407	0.188	0.348	0.054E	0.120	0.328	28
29	0.0158		0.0238	0.178	1.04	0.352	0.277	0.148	0.388	0.053E	0.088	0.258	29
30	0.0158		0.0238	0.428	1.85	0.358	0.267	0.138	0.238	0.052E	0.081	0.188	30
31	0.0148		0.0248		1.78		0.347	0.138		0.052E		0.184	31
TOTAL	0.401	0.259	0.613	1.783	19.785	25.004	14.187	8.684	4.831	3.138	3.313	5.046	TOTAL
MEAN	0.013	0.011	0.017	0.059	0.638	0.833	0.458	0.218	0.161	0.101	0.110	0.183	MEAN
MAX	0.018	0.013	0.024	0.428	1.78	1.77	0.822	0.484	0.388	0.183	0.480	0.528	MAX
MIN	0.011	0.007	0.008	0.024	0.218	0.301	0.225	0.121	0.077	0.052	0.052	0.060	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.232
MAXIMUM DAILY, 1.78 ON MAY 31
MINIMUM DAILY, 0.0078 ON FEB 5
MAXIMUM INSTANTANEOUS,
3.81 AT 22:15 PST ON JUN 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 48 35 N
LONG 127 12 09 W
DRAINAGE AREA, 13.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	34.6	JUL	1 230
FEB	26.8	AUG	577
MAR	44.3	SEP	381
APR	182	OCT	271
MAY	1 710	NOV	288
JUN	2 160	DEC	438

TOTAL DISCHARGE, 7 320 dam³

SKAGIT RIVER AT INTERNATIONAL BOUNDARY - STATION NO. 08PA004

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	5.042	5.355	5.251	3.104	---	---	1
2	---	---	---	---	---	---	5.104	5.359	5.216	3.034	---	---	2
3	---	---	---	---	---	---	5.171	5.346	5.183	2.945	---	---	3
4	---	---	---	---	---	---	5.240	5.308	5.158	2.851	---	---	4
5	---	---	---	---	---	---	5.259	5.285	5.092	2.788	---	3.084	5
6	---	---	---	---	---	---	5.233	5.315	5.041	2.707	---	3.093	6
7	---	---	---	---	---	---	5.241	5.329	4.978	2.850	---	3.085	7
8	---	---	---	---	---	---	5.234	5.302	4.886	2.808	---	2.714	8
9	---	---	---	---	---	---	5.226	5.268	4.802	2.868A	---	2.672	9
10	---	---	---	---	---	---	5.243	5.247	4.703	---	---	2.851	10
11	---	---	---	---	---	---	5.228	5.182	4.675	---	2.823	2.811	11
12	---	---	---	---	---	---	5.218	5.102	4.587	---	2.884	---	12
13	---	---	---	---	---	3.883	5.271	5.068	4.537	---	2.831	---	13
14	---	---	---	---	---	3.284	5.350	5.011	4.448	---	2.803	---	14
15	---	---	---	---	---	3.708	5.327	5.948	4.381	---	2.703	---	15
16	---	---	---	---	---	4.063	5.300	5.893	4.312	---	2.829	---	16
17	---	---	---	---	---	4.306	5.325	5.828	4.226	---	---	---	17
18	---	---	---	---	---	4.425	5.305	5.735	4.156	---	---	---	18
19	---	---	---	---	---	4.582	5.280	5.688	4.068	---	---	---	19
20	---	---	---	---	---	4.676	5.268	5.862	3.943	---	---	---	20
21	---	---	---	---	---	4.782	5.283	5.830	3.827	---	---	---	21
22	---	---	---	---	---	4.848	5.224	5.880	3.735	---	---	---	22
23	---	---	---	---	---	4.830	5.210	5.842	3.887	---	---	---	23
24	---	---	---	---	---	5.080	5.184	5.583	3.892	---	---	---	24
25	---	---	---	---	---	5.321	5.203	5.518	3.491	---	---	---	25
26	---	---	---	---	---	5.588	5.223	5.447	3.417	---	---	---	26
27	---	---	---	---	---	5.708	5.283	5.488	3.348	---	---	---	27
28	---	---	---	---	---	5.808	5.338	5.483	3.302	---	---	---	28
29	---		---	---	---	5.804	5.338	5.488	3.248	---	---	---	29
30	---		---	---	---	5.878	5.338	5.438	3.174	---	---	---	30
31	---		---		---		5.388	5.377	---	---	---	---	31
MEAN	---	---	---	---	---	---	5.253	5.804	4.284	---	---	---	MEAN
MAX	---	---	---	---	---	---	5.388	5.359	5.251	---	---	---	MAX
MIN	---	---	---	---	---	---	5.042	5.377	3.174	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 5.388 ON JUL 31

MAXIMUM INSTANTANEOUS,
5.430 AT 18:15 PST ON JUL 31

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 482.388 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1988

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 01 N
LONG 121 04 16 W

A - MANUAL GAUGE

REGULATED

DRAINAGE AREA,
987 km²

SKAHA LAKE AT OKANAGAN FALLS - STATION NO. 08NM084

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.402	3.378	3.365	3.385	3.247	3.548	3.334	3.582	3.383	3.485	3.487	3.371	1
2	3.406	3.385	3.363	3.389	3.248	3.570	3.328	3.582	3.396	3.448	3.484	3.382	2
3	3.401	3.384	3.341	3.384	3.285	3.581	3.324	3.580	3.406	3.446	3.484	3.384	3
4	3.403	3.348	3.338	3.384	3.281	3.591	3.318	3.575	3.420	3.441	3.470	3.383	4
5	3.409	3.338	3.342	3.384	3.298	3.597	3.328	3.589	3.426	3.448	3.478	3.367	5
6	3.403	3.328	3.346	3.388	3.280	3.607	3.358	3.595	3.415	3.484	3.475	3.382	6
7	3.408	3.318	3.349	3.388	3.287	3.610	3.378	3.581	3.401	3.484	3.478	3.383	7
8	3.407	3.312	3.342	3.381	3.313	3.608	3.400	3.584	3.381	3.488	3.488	3.388	8
9	3.408	3.305	3.345	3.384	3.332	3.588	3.428	3.588	3.383	3.483	3.488	3.387	9
10	3.408	3.286	3.345	3.387	3.380	3.573	3.447	3.841	3.388	3.488	3.471	3.388	10
11	3.404	3.284	3.347	3.387	3.381	3.548	3.470	3.830	3.338	3.480	3.488	3.370	11
12	3.434	3.288	3.353	3.381	3.383	3.520	3.488	3.811	3.351	3.485	3.488	3.378	12
13	3.437	3.303	3.362	3.330	3.401	3.488	3.508	3.488	3.381	3.470	3.458	3.378	13
14	3.435	3.304	3.381	3.321	3.406	3.480	3.524	3.488	3.438	3.474	3.458	3.380	14
15	3.438	3.302	3.388	3.314	3.408	3.488	3.544	3.447	3.488	3.477	3.488	3.383	15
16	3.448	3.311	3.381	3.305	3.414	3.482	3.548	3.440	3.478	3.478	3.444	3.378	16
17	3.480	3.318	3.387	3.288	3.414	3.478	3.551	3.439	3.478	3.478	3.440	3.378	17
18	3.483	3.328	3.388	3.288	3.428	3.472	3.588	3.438	3.477	3.481	3.431	3.374	18
19	3.448	3.327	3.388	3.281	3.430	3.471	3.548	3.449	3.474	3.481	3.428	3.388	19
20	3.448	3.330	3.388	3.280	3.430	3.488	3.543	3.482	3.474	3.480	3.427	3.371	20
21	3.448	3.331	3.371	3.278	3.435	3.483	3.548	3.478	3.472	3.481	3.430	3.388	21
22	3.448	3.333	3.370	3.288	3.448	3.487	3.583	3.482	3.478	3.487	3.427	3.381	22
23	3.438	3.337	3.372	3.283	3.443	3.415	3.577	3.503	3.480	3.518	3.411	3.381	23
24	3.431	3.342	3.388	3.288	3.448	3.404	3.583	3.513	3.481	3.525	3.407	3.388	24
25	3.428	3.342	3.385	3.283	3.453	3.393	3.800	3.514	3.478	3.521	3.403	3.383	25
26	3.417	3.342	3.380	3.280	3.455	3.391	3.808	3.512	3.478	3.512	3.402	3.384	26
27	3.407	3.343	3.382	3.244	3.470	3.377	3.813	3.803	3.477	3.508	3.381	3.383	27
28	3.398	3.343	3.381	3.241	3.468	3.384	3.810	3.488	3.478	3.492	3.388	3.381	28
29	3.392		3.383	3.240	3.808	3.348	3.808	3.460	3.488	3.472	3.384	3.348	29
30	3.381		3.380	3.240	3.518	3.341	3.808	3.428	3.483	3.488	3.382	3.347	30
31	3.398		3.359		3.831		3.801	3.402		3.482		3.384	31
MEAN	3.428	3.327	3.366	3.306	3.382	3.488	3.488	3.504	3.434	3.478	3.440	3.383	MEAN
MAX	3.483	3.378	3.372	3.386	3.831	3.610	3.813	3.582	3.481	3.525	3.478	3.383	MAX
MIN	3.381	3.284	3.339	3.240	3.248	3.341	3.318	3.402	3.338	3.441	3.382	3.347	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1989

MEAN, 3.420
MAXIMUM DAILY, 3.813 ON JUL 27
MINIMUM DAILY, 3.240 ON APR 29
MAXIMUM INSTANTANEOUS,
3.843 AT 01:30 PST ON AUG 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 21 12 N
LONG 119 34 48 W

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 336.383 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1989 ADJ.)

SKEENA RIVER ABOVE BABINE RIVER - STATION NO. 08EB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	50.0B	50.0B	38.0B	42.5B	800E	1 480	481A	343A	238E	480E	213E	130 E	1
2	50.0B	50.2B	38.0B	44.7B	885E	1 330	488E	350E	230E	370E	200E	126 E	2
3	50.6B	51.0B	38.2B	46.0B	780E	1 230	442A	352E	214E	328E	220E	136 E	3
4	50.0B	52.4B	38.0B	50.5B	830E	1 330	434A	348E	222E	308A	213A	148 E	4
5	50.0B	52.2B	34.0B	52.6B	1 080E	1 800	430E	340E	228E	286E	383E	187 E	5
6	50.2B	51.0B	34.5B	57.0B	1 270E	1 430	480E	343A	237E	293A	380E	183 A	6
7	50.0B	49.6B	34.3B	60.2B	1 400E	1 210	488A	361A	226E	287E	337E	140	7
8	50.0B	48.0B	34.0B	65.0B	1 300E	1 150	508A	350E	220E	301A	320E	132	8
9	50.2B	47.4B	34.0B	69.7	1 230E	1 110	487A	330E	213E	313A	300E	130	9
10	50.0B	48.2B	34.0B	73.2	1 130E	1 110	538A	314E	204E	325E	280E	121	10
11	50.6B	48.0B	34.0B	77.6	1 080E	1 150A	560E	312E	195E	335E	285E	102	11
12	50.2B	43.6B	34.0B	80.7	980E	1 200E	570E	320E	190E	309A	260E	105	12
13	72.0B	42.8B	34.0B	81.4	840E	1 240E	525E	337E	183E	285E	230E	116	13
14	76.2B	42.0B	34.0B	111	800E	1 280A	507E	353E	178E	285E	200E	123 A	14
15	76.6B	41.0B	34.0B	127	890E	1 100E	480E	353E	172E	290E	180E	132 B	15
16	74.3B	40.5B	34.0B	127	830E	857A	440E	348E	181E	332E	168E	116 B	16
17	70.6B	40.2B	34.0B	128	880E	828A	405E	344E	184E	330E	183	100 B	17
18	66.0B	40.0B	34.0B	127	850E	788A	395E	348E	147E	280E	193	87.0B	18
19	63.5B	40.2B	34.0B	133	830E	700E	330E	345E	150E	280E	224A	88.0B	19
20	61.0B	41.6B	34.2B	181	800E	800E	378A	336E	219A	320E	400E	78.0B	20
21	58.3B	42.2B	34.3B	207	780E	840E	374	340E	313	338E	415E	70.0B	21
22	58.0B	42.6B	34.4B	221	750E	888A	358	380E	426	328E	380E	80.0B	22
23	58.0B	43.0B	34.6B	219 A	730E	868A	416	356E	343	300E	280E	86.0B	23
24	58.5B	42.0B	34.8B	234	705E	743A	370	335E	288A	270E	200E	70.0B	24
25	63.0B	40.5B	35.0B	258	680E	788A	329	320E	295E	260E	140E	85.0B	25
26	64.3B	38.6B	35.3B	288	737A	780E	308	300E	293E	240E	133E	130 B	26
27	64.0B	38.6B	36.0B	331	778	707A	315	287E	181A	248E	113E	182 B	27
28	64.0B	36.0B	36.4B	383	807	820A	344	270E	176	248E	112E	183 B	28
29	62.0B		36.0B	488	805	488A	333	285E	313	240E	130E	168 B	29
30	60.0B		38.0B	591 A	1 280	487A	323A	257E	517A	225E	122E	185 B	30
31	58.0B		41.0B		1 440		338E	247E		220E		180 B	31
TOTAL	1 840.8	1 381.4	1 087.8	4 887.8	39 187	38 808	13 081	10 183	7 138	8 948	7 107	3 880.0	TOTAL
MEAN	62.8	46.1	35.1	186	843	880	422	328	238	288	237	116	MEAN
MAX	76.6	86.0	41.0	591	1 440	1 800	570	361	517	480	415	183	MAX
MIN	58.0	38.0	34.0	42.5	800	457	304	247	147	220	113	88.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1989

MEAN, 322
MAXIMUM DAILY, 1 800 ON JUN 5
MINIMUM DAILY, 34.0B ON MAR 8
MAXIMUM INSTANTANEOUS,
1 870 AT 17:15 PST ON JUN 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 42 55 N
LONG 127 41 05 W
DRAINAGE AREA, 12 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	188 000	JUL	1 130 000
FEB	109 000	AUG	878 000
MAR	94 000	SEP	617 000
APR	422 000	OCT	773 000
MAY	2 520 000	NOV	614 000
JUN	3 490 000	DEC	318 000

TOTAL DISCHARGE, 10 100 000 dam³

SKEENA RIVER AT USK - STATION NO. 08EF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2258	2058	1628	1318	2 180	3 480	1 490	785	529	838	428	571	1
2	2188	2028	1608	1368	2 490	3 320	1 490	808	501	882	438	540	2
3	2108	2008	1588	1388	2 790	3 050	1 500	798	478	888	808	882	3
4	2038	1988	1568	1428	2 830	3 110	1 420	778	484	888	840	728	4
5	1958	1988	1548	1488	3 010	3 580	1 400	758	507	840	834	737	5
6	1918	1848	1528	1508	3 130	3 840	1 330	738	804	780	788	888	6
7	1888	1838	1508	1548	3 330	3 080	1 240	783	488	829	885	836	7
8	1848	1808	1488	1618	3 410	2 870	1 370	771	488	806	869	588	8
9	1818	1888	1478	1888	3 380	2 780	1 420	737	474	835	817	841	9
10	1798	1878	1458	188	3 080	2 880	1 440	873	441	878	883	803	10
11	1748	1858	1438	208	2 830	2 740	1 490	882	418	720	880	487	11
12	1718	1848	1408	240	2 280	2 830	1 420	894	408	883	807	432	12
13	1888	1828	1388	283	1 880	3 080	1 340	726	403	817	470	428	13
14	1868	1808	1378	327	1 860	3 100	1 320	784	380	871	444	433	14
15	1878	1798	1388	408	1 870	2 930	1 240	778	369	831	422	433	15
16	1878	1778	1338	443	2 080	2 480	1 100	748	348	485	408	422	16
17	1858	1748	1328	443	2 230	2 070	883	780	327	480	434	408	17
18	1838	1748	1308	482	2 030	1 870	932	787	321	852	881	387	18
19	1848	1738	1288	488	1 810	1 800	980	788	347	813	1 180	378	19
20	1808	1718	1278	585	1 830	1 840	988	724	481	714	1 120	384	20
21	2218	1708	1288	714	1 720	1 810	842	748	884	718	870	301	21
22	2108	1748	1248	771	1 880	1 480	810	780	788	882	717	285	22
23	2008	1788	1238	780	1 840	1 880	887	783	788	880	833	283	23
24	1808	1788	1218	778	1 780	1 770	814	738	881	838	888	420	24
25	1818	1748	1218	870	1 770	1 870	831	708	888	807	882	849	25
26	2808	1718	1238	1 020	1 780	1 840	788	845	802	804	822	838	26
27	2478	1898	1238	1 210	1 780	1 720	800	824	483	838	800	881	27
28	2308	1888	1288	1 420	1 800	1 830	878	818	432	818	803	937	28
29	2208		1278	1 830	2 180	1 430	884	804	508	480	880	803	29
30	2188		1278	1 880	2 740	1 380	822	870	828	480	812	708	30
31	2108		1308		3 380		808	888		480		888	31
TOTAL	6 088	5 111	4 244	18 401	72 880	72 470	35 333	22 387	14 888	18 478	18 087	17 288	TOTAL
MEAN	188	183	137	847	2 340	2 420	1 140	722	498	888	838	887	MEAN
MAX	2808	2058	1628	1 880	3 410	3 840	1 800	808	828	838	1 180	881	MAX
MIN	1838	1888	1218	131	1 840	1 380	788	888	321	480	408	288	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 834
MAXIMUM DAILY, 3 840 ON JUN 8
MINIMUM DAILY, 1218 ON MAR 24
MAXIMUM INSTANTANEOUS,
3 820 AT 04:30 PST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 37 50 N
LONG 128 28 40 W
DRAINAGE AREA, 42 200 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	523 000	JUL	3 050 000
FEB	442 000	AUG	1 930 000
MAR	387 000	SEP	1 280 000
APR	1 420 000	OCT	1 800 000
MAY	6 270 000	NOV	1 550 000
JUN	6 280 000	DEC	1 490 000

TOTAL DISCHARGE, 26 300 000 dam³

SKEENA RIVER AT USK - STATION NO. 08EF001

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.288	2.781	2.583	2.012	6.739	7.471	4.815	3.782	3.218	3.879	2.883	3.315	1
2	3.213	2.884	2.582	2.026	6.147	7.286	4.815	3.825	3.148	3.887	2.887	3.471	2
3	3.183	3.388	2.515	2.082	6.512	6.887	4.825	3.805	3.087	3.378	3.392	3.588	3
4	3.008	3.28%	2.548	2.072	6.735	6.880	4.720	3.788	3.108	3.288	3.880	3.888	4
5	2.888	3.006	2.803	2.084	6.834	7.585	4.881	3.727	3.185	3.470	3.880	3.884	5
6	2.848	2.882	2.488	2.088	6.884	7.578	4.588	3.887	3.157	3.805	3.721	3.574	6
7	3.158	3.063	2.417	2.088	7.250	8.843	4.531	3.717	3.116	3.448	3.872	3.483	7
8	4.313	3.788	2.348	2.083	7.373	8.858	4.848	3.788	3.122	3.401	3.818	3.380	8
9	4.858	3.878	2.267	2.088	7.305	8.484	4.717	3.884	3.083	3.480	3.421	3.248	9
10	5.287	3.897	2.255	2.152	6.832	8.404	4.782	3.848	2.988	3.552	3.388	3.184	10
11	5.230	3.844	2.188	2.240	6.334	8.483	4.618	3.585	2.838	3.847	3.287	3.088	11
12	5.868	3.304	2.187	2.373	5.830	8.728	4.715	3.582	2.810	3.523	3.183	2.972	12
13	5.477	3.463	2.171	2.523	5.472	8.830	4.811	3.859	2.883	3.418	3.074	2.958	13
14	5.308	3.540	2.182	2.887	5.287	8.857	4.581	3.800	2.858	3.317	3.004	2.978	14
15	5.208	3.588	2.128	2.807	5.315	8.728	4.477	3.781	2.784	3.222	2.943	2.874	15
16	5.038	3.805	2.082	3.002	5.513	8.128	4.388	3.701	2.732	3.111	2.901	2.844	16
17	4.818	3.483	2.025	3.002	5.802	8.588	4.132	3.712	2.888	3.131	2.878	2.887	17
18	4.747	3.428	2.018	3.028	5.527	8.328	4.083	3.728	2.847	3.271	2.907	2.847	18
19	4.628	3.348	1.884	3.083	5.378	8.221	4.088	3.748	2.728	3.411	4.384	2.811	19
20	8.220	3.282	1.878	3.300	5.285	8.011	4.140	3.857	3.041	3.834	4.318	2.748	20
21	8.047	3.303	1.877	3.833	8.124	4.843	4.088	3.708	3.887	3.843	3.841	2.884	21
22	8.870	3.304	1.880	3.784	5.028	4.801	4.017	3.781	3.782	3.822	3.841	2.483	22
23	8.717	3.208	1.858	3.712	5.018	4.880	3.884	3.778	3.748	3.380	3.488	2.822	23
24	8.841	3.087	1.835	3.770	5.080	8.188	4.022	3.881	3.818	3.234	3.380	2.837	24
25	8.891	3.038	1.828	3.848	8.188	8.448	3.872	3.822	3.311	3.185	3.284	3.487	25
26	8.851	2.888	1.834	4.181	5.208	8.408	3.784	3.828	3.181	3.187	3.188	3.888	26
27	8.184	2.758	1.840	4.448	8.184	8.118	3.812	3.438	3.058	3.218	3.148	4.082	27
28	3.580	2.858	1.888	4.721	5.384	4.868	3.807	3.373	2.873	3.188	3.388	4.088	28
29	3.131		1.858	4.888	5.748	4.728	3.838	3.345	3.188	3.088	3.380	3.818	29
30	2.878		1.865	8.332	8.488	4.884	3.858	3.314	3.883	3.048	3.408	3.821	30
31	2.808		2.000		7.338		3.824	3.278		3.020		3.808	31
MEAN	4.843	3.138	2.181	3.047	5.848	8.047	4.327	3.847	3.118	3.387	3.428	3.247	MEAN
MAX	8.220	3.808	2.583	8.332	7.373	7.878	4.828	3.828	3.883	3.878	4.384	4.082	MAX
MIN	2.808	2.888	1.828	2.012	5.018	4.884	3.784	3.278	2.847	3.020	2.901	2.483	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 3.840
MAXIMUM DAILY, 7.878 ON JUN 8
MINIMUM DAILY, 1.828 ON MAR 28
MAXIMUM INSTANTANEOUS,
7.928 AT 05:20 PST ON JUN 8

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 37 50 N
LONG 128 28 40 W

NATURAL FLOW

DRAINAGE AREA,
42 200 km²

SKINS LAKE SPILLWAY, NECHAKO RESERVOIR - STATION NO. 08JA013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	30.5	30.2	28.8	28.2	48.1	48.4	48.8	453	32.8	32.8	32.0	34.8	1
2	30.5	30.2	28.8	28.1	48.2	48.8	48.7	307	32.8	32.8	32.0	34.8	2
3	30.5	30.1	28.8	28.1	48.3	48.8	48.2	14.2	32.8	32.8	32.0	35.0	3
4	30.5	30.1	28.8	28.1	48.4	48.8	47.8	174	32.8	32.8	32.0	35.0	4
5	30.4	30.1	28.8	28.1	48.5	48.4	47.8	453	32.8	32.8	32.0	35.1	5
6	30.4	30.1	28.8	28.1	47.7	48.2	47.8	388	32.8	32.8	32.0	35.1	6
7	30.4	30.1	28.8	28.1	47.8	48.1	47.8	283	32.8	32.8	32.0	35.1	7
8	30.4	30.0	28.8	28.1	48.0	48.3	47.8	194	32.8	32.8	32.0	35.2	8
9	30.4	30.0	28.8	28.1	48.1	48.3	47.8	14.2	32.8	32.8	32.0	35.2	9
10	30.4	30.0	28.8	28.1	48.3	48.4	48.0	14.2	32.8	32.8	33.7	35.2	10
11	30.4	30.0	28.8	28.1	48.5	48.5	108	88.1	32.8	32.8	35.0	35.2	11
12	30.4	29.8	28.8	28.1	48.1	48.5	227	170	32.8	32.8	35.0	35.2	12
13	30.4	29.8	28.8	28.0	47.8	48.6	227	170	32.8	32.8	35.0	35.2	13
14	30.4	29.8	28.8	28.0	47.7	48.2	302	170	32.8	32.8	35.0	35.2	14
15	30.4	29.8	28.8	88.2	47.7	48.0	453	170	32.8	32.8	35.0	35.2	15
16	30.3	29.8	28.4	73.1	47.8	48.1	453	170	32.8	32.8	35.0	35.2	16
17	30.4	29.8	28.4	63.7	47.8	48.1	282	281	32.8	32.8	35.0	35.1	17
18	30.3	29.8	28.4	48.1	47.8	48.1	180	278	32.8	32.8	35.0	35.1	18
19	30.3	29.7	28.4	48.1	48.0	48.2	289	14.2	32.8	32.8	35.0	35.1	19
20	30.3	29.7	28.4	48.0	48.1	48.2	14.2	8.30	32.8	32.8	35.1	35.1	20
21	30.3	29.7	28.4	48.0	48.1	48.2	28.8	0	32.8	32.8	35.1	35.1	21
22	30.3	29.7	28.4	48.0	48.2	48.3	170	0	32.8	32.8	35.1	35.1	22
23	30.3	29.7	28.3	48.0	48.3	48.3	170	0	32.8	32.8	35.1	35.1	23
24	30.3	29.7	28.3	48.0	48.4	48.4	170	0	32.8	32.8	35.1	35.1	24
25	30.3	29.6	28.3	48.0	48.5	48.4	170	0	32.8	32.8	35.1	35.2	25
26	30.3	29.6	28.3	48.0	48.5	48.4	170	0	32.8	32.8	35.1	35.2	26
27	30.3	29.6	28.3	48.0	48.5	48.5	170	0	32.8	32.8	35.1	35.2	27
28	30.3	29.6	28.3	48.0	48.7	48.5	170	10.8	32.8	32.8	35.1	35.2	28
29	30.3		28.3	48.0	48.4	48.6	282	32.8	32.8	32.8	35.1	35.3	29
30	30.3		28.3	48.1	48.1	48.6	307	32.8	32.8	32.8	35.1	35.3	30
31	30.3		28.3		48.1		187	32.8		32.8		35.3	31
TOTAL	941.1	835.4	913.0	1 233.8	1 482.7	1 443.4	4 810.8	3 886.80	978.0	1 010.8	1 022.8	1 088.3	TOTAL
MEAN	30.4	29.8	29.4	40.8	48.2	48.1	156	125	32.8	32.8	34.1	35.1	MEAN
MAX	30.6	30.2	28.8	73.1	48.7	48.8	453	453	32.8	32.8	35.1	35.3	MAX
MIN	30.2	29.6	28.3	28.0	47.8	48.2	14.2	0	32.8	32.8	32.0	34.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 84.1
MAXIMUM DAILY, 453 ON JUL 15
MINIMUM DAILY, 0 ON AUG 31

DATA CONTRIBUTED BY -
ALCAN SMELTERS AND CHEMICALS LTD.

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 53 46 15 N
LONG 125 58 14 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	81 300	JUL	424 000
FEB	72 300	AUG	336 000
MAR	78 400	SEP	84 500
APR	106 000	OCT	87 300
MAY	128 000	NOV	88 400
JUN	125 000	DEC	94 100

TOTAL DISCHARGE, 1 710 000 dam³

SLESSE CREEK NEAR VEDDER CROSSING - STATION NO. 08MH063

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.18	11.9 B	3.06	4.48	18.3	24.4	12.8	8.11	3.85	2.39	3.74	8.80E	1
2	3.88	8.82B	2.98	4.41	17.6	31.6	11.4	7.47	3.89	2.21	3.84	10.4 E	2
3	3.78	8.30B	2.83	4.20	17.0	31.1	12.1	6.40	3.51	2.04	18.9	23.6 E	3
4	3.28	5.60B	2.82	4.14	18.2	30.3	10.8	5.81	3.38	2.04	28.8	74.0 E	4
5	3.33	5.60B	3.07	8.38	20.8	31.1	9.81	5.00	3.38	2.04	13.7	38.6 A	5
6	5.84	5.38B	4.34	14.4	28.8	28.8	8.85	5.35	3.21	2.05	18.8	31.0 E	6
7	4.88	5.12B	3.61	16.2	27.8	24.8	10.8	5.80	3.32	2.07	14.4	25.5 E	7
8	4.78	4.80B	3.43	12.8	28.6	23.8	9.82	5.28	3.28	2.12	28.8	24.0 E	8
9	4.70	4.68B	3.71	11.1	24.8	21.4	8.84	5.89	3.10	2.04	---	20.1 E	9
10	4.28	4.42B	8.32	10.2	22.6	18.8	10.4	4.88	2.81	3.48	---	17.6 E	10
11	4.02	4.24B	10.6	10.7	17.0	21.2	10.1	4.38	2.82	4.22	88.6 E	14.6 E	11
12	3.90	4.08B	11.2	12.2	13.7	26.1	12.3	4.21	2.85	10.3	46.2 E	12.2 E	12
13	3.87	3.82B	10.0	14.3	12.3	26.1	13.3	4.12	2.65	8.88	38.6 E	10.4 E	13
14	3.77	3.78B	8.30	19.1	12.4	25.8	13.0	4.84	2.60	5.25	33.0 E	9.20E	14
15	3.88	3.88B	7.18	21.8	13.4	22.0	13.3	4.89	2.73	4.12	28.0 E	8.18E	15
16	4.37	3.84B	6.44	17.8	14.8	18.0	10.2	5.88	2.84	3.80	24.8 E	8.88E	16
17	6.58	3.43B	5.72	14.8	15.3	13.3	9.63	5.12	2.88	3.21	22.0 E	8.22E	17
18	5.84	3.30B	5.32	14.6	13.8	12.7	8.82	4.87	2.67	4.48	18.2 E	8.72E	18
19	5.18	3.17	4.86	17.0	11.8	13.6	10.2	4.78	2.38	4.04	20.8 E	8.18E	19
20	5.00	3.08	4.78	20.8	10.4	13.0	9.21	5.00	2.32	3.70	30.4 A	6.78A	20
21	5.08	3.03	5.04	20.3	8.88	10.4	7.84	12.3	2.37	7.78	38.1 E	6.47	21
22	4.70	4.38	4.87	18.2	8.20	11.1	8.81	11.3	2.43	7.88	28.0 E	6.88	22
23	4.20	4.38	4.82	12.8	8.23	14.8	8.80	7.18	2.48	8.48	28.8 E	6.47	23
24	4.04	3.70	4.71	12.4	8.84	17.8	7.07	5.87	2.48	8.88	22.0 E	6.21	24
25	3.81	3.47	4.78	13.8	8.00	18.2	7.24	5.34	2.58	5.80	18.8 E	5.87	25
26	3.78	3.28	4.85	12.8	8.83	17.4	7.82	5.03	2.72	8.88	17.0 E	5.88	26
27	3.77	3.21	4.88	13.1	10.3	13.1	7.28	4.84	2.82	8.18	15.0 E	5.78	27
28	3.88	3.14	5.13	14.2	10.8	13.1	8.38	4.48	2.88	8.14	13.4 E	5.58	28
29	4.78		4.81	15.8	11.8	12.0	8.18	4.21	2.48	4.88	12.3 E	5.40	29
30	28.7		4.73	17.8	14.0	12.7	8.23	4.08	2.43	4.33	11.3 E	5.33	30
31	20.0		4.82		17.8		8.23	3.90		4.08		5.28	31
TOTAL	182.81	128.78	187.24	491.38	478.88	582.8	282.85	178.07	84.97	145.84	---	400.83	TOTAL
MEAN	5.89	4.48	5.39	13.4	15.4	19.8	8.44	5.78	2.83	4.89	---	12.9	MEAN
MAX	28.7	11.9	11.2	21.8	27.8	31.8	13.3	12.3	3.89	10.3	---	74.0	MAX
MIN	3.88	3.03	2.82	4.14	8.83	10.4	6.18	3.90	2.32	2.04	---	5.28	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 2.04 ON OCT 4

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 04 15 N
LONG 121 41 58 W
DRAINAGE AREA, 182 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 800	JUL	28 300
FEB	10 800	AUG	18 500
MAR	16 400	SEP	7 340
APR	36 700	OCT	13 800
MAY	41 200	NOV	---
JUN	51 200	DEC	34 800

SLOCAN RIVER NEAR CRESCENT VALLEY - STATION NO. 08NJ013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	28.6	21.0B	18.7	28.2	141	231	195	73.2	61.8	38.7	36.6	48.6	1
2	28.6	21.7B	18.3	28.6	180	271	182	70.1	64.6	38.1	36.6	47.8	2
3	27.0	21.6B	18.1	28.0	169	282	182	68.2	67.6	34.1	35.5	47.7	3
4	28.1	21.5B	18.5	28.7	175	280	174	68.0	66.0	33.2	37.5	48.8	4
5	28.6	21.4B	17.7	30.0	194	286	170	66.8	68.0	32.4	37.4	51.4	5
6	28.4	21.1B	17.7	31.4	230	320	184	64.8	65.2	31.8	38.8	50.2	6
7	27.8	21.4B	17.7	33.3	278	328	169	62.8	63.6	31.4	37.8	48.0	7
8	28.2	21.6B	17.7	34.6	278	321	155	61.7	62.4	30.8	38.1	46.5	8
9	28.2	21.4B	17.7	34.7	266	327	149	63.1	61.9	30.4	43.8	48.5	9
10	28.6	21.1B	18.3	34.8	319	310	145	67.3	59.8	30.0	55.8	47.4	10
11	28.2	21.3B	18.4	35.8	330	306	144	63.2	58.1	30.0	72.7	46.1	11
12	28.6	21.2B	20.3	38.6	284	309	138	60.7	58.3	30.0	71.0	44.8	12
13	28.4	21.0B	22.3	42.8	255	314	138	59.8	54.9	31.8	67.2	44.3	13
14	28.6	20.6B	23.4	51.4	236	340	138	58.7	53.3	33.6	64.8	43.4	14
15	28.4	20.4B	23.0	67.0	228	358	136	56.8	51.8	31.8	62.0	42.8	15
16	28.8	20.2B	22.7	74.8	228	348	137	59.6	50.3	31.3	61.7	41.6	16
17	28.6	20.0B	22.6	73.2	226	332	130	58.7	48.1	30.6	60.6	41.0	17
18	28.4	20.1B	22.3	75.1	223	300	125	57.4	46.5	29.8	59.1	38.8	18
19	28.2	20.1B	22.3	85.4	210	285	119	55.7	46.8	29.7	58.1	38.3	19
20	28.8	19.8B	22.6	100	197	272	118	56.2	46.4	28.6	57.7	38.3	20
21	28.6	19.3B	22.6	124	186	250	114	57.0	44.2	28.8	58.0	38.6	21
22	28.8	19.3B	23.4	134	181	241	108	53.6	43.1	33.4	58.1	38.0	22
23	24.0	19.3B	24.0	126	181	238	104	70.6	42.0	37.7	58.8	37.6	23
24	23.8	19.2B	24.4	118	178	233	86.6	68.6	41.1	68.1	58.6	37.0	24
25	23.6B	19.2B	25.2	111	169	232	84.7	63.4	40.1	61.6	65.8	36.5	25
26	24.0B	19.0	28.1	108	167	228	80.4	56.0	39.2	48.3	54.6	35.8	26
27	23.6	18.8	27.4	103	168	226	87.1	66.1	38.8	44.6	53.4	35.3	27
28	23.4	19.0	28.6	102	170	210	84.2	67.6	38.0	42.0	52.2	34.7	28
29	23.3		30.2	108	182	198	81.3	66.3	37.2	40.2	51.0	34.1	29
30	22.6B		28.7	120	184	198	78.6	64.4	36.3	38.0	48.7	33.6	30
31	22.0B		29.4		186		76.7	62.2		37.8		32.8	31
TOTAL	783.0	571.8	693.3	2 108.6	6 658	8 400	4 018.4	1 872.8	1 658.6	1 081.6	1 677.1	1 303.6	TOTAL
MEAN	25.8	20.4	22.4	70.2	212	280	130	63.6	51.8	38.3	52.8	42.1	MEAN
MAX	28.8	21.7	30.2	134	330	368	195	73.2	68.0	68.1	72.7	51.4	MAX
MIN	22.0	18.8	17.7	28.7	141	198	76.7	56.7	38.3	28.8	36.6	32.8	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 84.0
MAXIMUM DAILY, 368 ON JUN 15
MINIMUM DAILY, 17.7 ON MAR 5
MAXIMUM INSTANTANEOUS,
380 AT 04:56 PST ON JUN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 27 38 N
LONG 117 33 52 W
DRAINAGE AREA, 3 320 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	88 800	JUL	347 000
FEB	48 400	AUG	170 000
MAR	88 800	SEP	135 000
APR	182 000	OCT	84 300
MAY	687 000	NOV	135 000
JUN	726 000	DEC	113 000

TOTAL DISCHARGE, 2 880 000 dam³

SMITH RIVER ABOVE SMITH FALLS - STATION NO. 10BE013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	30.8B	19.0B	18.8B	18.7B	42.2A	33.3	28.7	27.8	23.5	22.7	19.0B	20.0B	1
2	30.2B	19.2B	18.8B	18.8B	42.2	32.1	27.1	28.1	23.2	22.0	18.6B	19.8B	2
3	30.3B	19.3B	18.4B	18.7B	42.5	33.0	26.5	28.6	22.8	22.5	20.2B	18.7B	3
4	29.8B	19.8B	18.8B	18.8B	43.2	31.5	26.7	27.6	22.7	23.0	20.0B	18.8B	4
5	29.8B	19.8B	18.8B	18.8B	43.6	31.5	26.5	27.1	22.6	23.0	19.3B	19.0B	5
6	28.4B	20.0B	18.7B	19.0B	43.8	32.1	26.3	26.7	22.0	22.6	18.9B	18.8B	6
7	28.8B	20.1B	18.8B	19.3B	43.6	32.9	26.2	27.5	21.6	22.6	19.0B	18.7B	7
8	24.3B	19.8B	18.6B	19.7B	43.0	31.8	26.0	27.6	21.5	22.5	19.1B	18.6B	8
9	23.8B	20.0B	18.1B	20.0B	42.8	32.4	26.1	27.7	21.4	22.8	19.1B	18.3B	9
10	23.3B	20.1B	18.6B	20.3B	43.7	31.3	27.8	27.4	21.6	23.8	18.9B	17.7B	10
11	23.8B	20.2B	18.8B	20.7B	45.0	30.8	27.4	27.1	21.3	24.2	18.8B	17.6B	11
12	23.7B	20.0B	18.8B	21.3B	46.0	30.0	26.7	26.4	20.8	24.4	18.4B	17.8B	12
13	23.6B	19.7B	18.0B	21.7B	47.4	30.8	26.8	25.8	20.8	24.4	18.3B	18.2B	13
14	23.5B	19.4B	18.2B	22.2B	46.4	33.1	26.3	26.5	20.7	24.2	18.2B	18.7B	14
15	21.4B	18.4B	18.8B	23.0B	46.3	32.6	26.7	26.5	21.1	23.3	18.6B	18.6B	15
16	21.5B	19.5B	18.7B	23.8B	45.0	31.8	26.4	27.6	22.2	21.8	19.4B	18.3B	16
17	21.7B	19.8B	18.8B	24.6B	44.8	31.4	26.3	26.0	22.4	21.2	20.3B	17.8B	17
18	21.8B	19.8B	18.7B	25.2B	43.5	31.1	26.6	26.2	21.7	22.0	21.4B	17.7B	18
19	21.5B	20.0B	18.1B	25.7B	42.2	31.2	26.6	27.0	21.7	22.1	20.6B	17.4B	19
20	21.8B	20.3B	18.4B	26.6B	41.1	30.8	27.8	26.6	22.0	21.7	20.6B	17.2B	20
21	21.1B	20.7B	18.8B	27.4B	40.8	30.5	26.1	26.4	22.8	21.8	20.0B	18.8B	21
22	21.2B	21.0B	18.7B	28.0B	39.8	29.9	26.7	27.0	23.0	21.4	19.4B	18.6B	22
23	21.3B	20.7B	18.6B	29.6B	38.5	29.4	31.7	26.3	23.0	21.5	19.0B	18.5B	23
24	21.9B	20.0B	18.8B	31.0B	37.4	28.6	32.4	26.0	23.0	21.1	18.8B	17.0B	24
25	22.7B	19.8B	18.2B	33.0B	36.6	28.1	31.5	25.7	22.7	20.8	18.8B	17.4B	25
26	23.8B	20.0B	18.1B	34.8B	36.0	27.6	30.1	25.2	22.5	21.8	18.5B	17.8B	26
27	23.3B	20.1B	18.0B	36.2B	36.2	27.1	29.0	25.0	22.2	21.0B	18.3B	17.2B	27
28	21.3B	19.6B	18.2B	36.8B	35.5	26.7	28.2	24.6	22.0	21.4B	18.7B	16.8B	28
29	19.8B		18.6B	36.6B	34.6	26.8	27.6	24.3	21.6	21.2B	20.2B	16.5B	29
30	18.8B		18.8B	40.6B	33.8	26.7	27.1	24.0	22.6	20.0B	20.3B	16.6B	30
31	18.8B		19.0B		33.8		26.7	23.6		19.3B		16.4B	31
TOTAL	732.5	557.1	580.8	780.8	1 288.2	918.3	885.7	824.2	663.2	666.4	579.8	554.8	TOTAL
MEAN	23.6	19.8	18.7	26.4	41.5	30.6	27.8	26.6	22.1	22.2	18.3	17.9	MEAN
MAX	30.5	21.0	18.8	40.6	48.0	33.3	32.4	28.1	23.5	24.4	21.4	20.0	MAX
MIN	18.8	18.0	18.0	18.8	33.8	26.7	26.3	23.6	20.7	19.3	18.2	16.4	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 24.7
MAXIMUM DAILY, 48.0 ON MAY 13
MINIMUM DAILY, 16.4B ON DEC 31
MAXIMUM INSTANTANEOUS,
50.3 AT 02:36 PST ON MAY 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 24 N
LONG 128 27 47 W
DRAINAGE AREA, 3 740 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	83 300	JUL	74 800
FEB	48 100	AUG	71 200
MAR	80 200	SEP	57 300
APR	85 700	OCT	68 800
MAY	111 000	NOV	80 100
JUN	78 200	DEC	47 800

TOTAL DISCHARGE, 778 000 dam³

SMOKY CREEK ABOVE DIVERSIONS - STATION NO. 08NJ182

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.018	0.017	0.013	0.083	0.247	0.083	0.022	0.008	0.004	0.002	0.002	0.004	1
2	0.019	0.018	0.014	0.081	0.279	0.087	0.021	0.008	0.008	0.002	0.002	0.008	2
3	0.020	0.018	0.013	0.080	0.252	0.085	0.020	0.004	0.005	0.002	0.002	0.008	3
4	0.022	0.017	0.013	0.089	0.250	0.080	0.019	0.004E	0.004	0.002	0.002	0.008	4
5	0.023	0.018	0.013	0.088	0.283	0.082	0.017	0.004	0.005	0.002	0.004	0.020	5
6	0.022	0.017	0.013	0.103	0.228	0.068	0.017E	0.004	0.004	0.002	0.004	0.018	6
7	0.022	0.015	0.013	0.112	0.244	0.068	0.018E	0.004	0.004	0.002	0.007	0.014	7
8	0.022	0.015	0.013	0.121	0.253	0.068	0.018	0.004	0.004	0.002	0.007	0.014	8
9	0.024	0.014	0.014	0.120	0.238	0.063	0.018E	0.005	0.004	0.002	0.020	0.014	9
10	0.023	0.014	0.015	0.120	0.184E	0.038	0.015E	0.008	0.003	0.002	0.018	0.014	10
11	0.023	0.014	0.018	0.127	0.178E	0.033	0.015	0.008	0.003	0.003	0.011	0.018	11
12	0.025	0.013	0.019	0.151	0.188	0.032	0.015	0.008	0.003	0.002	0.009	0.014	12
13	0.023	0.014	0.023	0.208	0.140E	0.031	0.015	0.008	0.003	0.002	0.007	0.014	13
14	0.022	0.014	0.078	0.283	0.131	0.031	0.014	0.008	0.003	0.002	0.007	0.014	14
15	0.023	0.013	0.030	0.382	0.120	0.038	0.013	0.008	0.003	0.002	0.008	0.014	15
16	0.024	0.013	0.031	0.347	0.117	0.040	0.012	0.008	0.003	0.002	0.008	0.012	16
17	0.024	0.014	0.031	0.328	0.112	0.037	0.012	0.008	0.002	0.002	0.003	0.013	17
18	0.024	0.014	0.030	0.311	0.103	0.033	0.011	0.008	0.003	0.002	0.004	0.012	18
19	0.024	0.014	0.030	0.333	0.088E	0.034	0.010	0.008	0.003	0.002	0.003	0.013	19
20	0.023	0.014	0.034	0.368	0.080	0.032E	0.011	0.004	0.002	0.002	0.008	0.012	20
21	0.023	0.014	0.036	0.438	0.078	0.028E	0.010	0.005	0.002	0.002	0.007	0.012	21
22	0.021	0.014	0.038	0.448	0.078	0.030E	0.009	0.008	0.002	0.002	0.008	0.011	22
23	0.020	0.015	0.038	0.389	0.085	0.028E	0.008	0.005	0.002	0.003	0.005	0.012	23
24	0.020	0.014	0.040	0.338	0.088	0.025	0.009	0.004	0.002	0.005	0.008	0.012	24
25	0.020	0.014	0.047	0.328	0.072	0.025	0.009	0.008	0.002	0.003	0.008	0.013	25
26	0.021	0.013	0.048	0.288	0.071	0.024	0.008	0.005	0.002	0.003	0.008	0.013	26
27	0.021	0.014	0.051	0.258	0.080	0.023	0.007	0.005	0.005	0.005	0.008	0.013	27
28	0.020	0.014	0.058	0.250	0.078E	0.023	0.007	0.004	0.002	0.003	0.008	0.012	28
29	0.021		0.058	0.238	0.078	0.023	0.006	0.004	0.002	0.003	0.008	0.012	29
30	0.022		0.060	0.247	0.088	0.022	0.006	0.004	0.002	0.003	0.008	0.012	30
31	0.018		0.082		0.087		0.005	0.004		0.003	0.008	0.012	31
TOTAL	0.678	0.410	0.848	6.808	4.483	1.082	0.390	0.185	0.087	0.002		0.013	TOTAL
MEAN	0.022	0.015	0.031	0.230	0.144	0.036	0.013	0.005	0.003	0.074	0.195	0.392	MEAN
MAX	0.025	0.018	0.082	0.448	0.279	0.083	0.022	0.008	0.008	0.002	0.007	0.013	MAX
MIN	0.018	0.013	0.013	0.083	0.088	0.022	0.005	0.004	0.002	0.002	0.002	0.020	MIN
												0.004	

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.043
MAXIMUM DAILY, 0.448 ON APR 22
MINIMUM DAILY, 0.002 ON SEP 17

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 27 57 N
LONG 117 31 04 W
DRAINAGE AREA, 6.58 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	58.6	JUL	33.7
FEB	38.4	AUG	13.4
MAR	81.7	SEP	8.38
APR	587	OCT	6.39
MAY	388	NOV	18.8
JUN	94.3	DEC	33.9

TOTAL DISCHARGE, 1 370 dam³

SOMASS RIVER NEAR ALBERNI - STATION NO. 08HB017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	82.7	118	83.0	138	130	84.1	77.0	33.0	19.4	24.2	110	96.5	1
2	82.5	112	78.2	141	131	91.4	88.4	32.8	19.2	24.4	97.8	130	2
3	83.0	106	70.5	139	132	88.8	84.1	32.4	18.8	26.3	92.8	220	3
4	107	98.7	62.8	137	132	86.9	86.9	32.1	18.6	30.0	93.6	435	4
5	103	95.5	58.6	142	134	90.4	91.0	33.2	18.5	30.3	88.1	377	5
6	97.3	91.2	74.3	157	142	88.8	74.2	32.8	18.3	29.8	88.8	310	6
7	93.9	88.5	78.4	175	148	87.0	59.6	32.3	18.5	30.1	82.6	280	7
8	90.8	81.1	81.0	186	145	80.2	58.9	31.8	17.7	29.8	88.5	281	8
9	89.2	76.5	82.2	183	140	76.3	54.6	30.8	17.5	29.3	164	287	9
10	86.5	74.0	87.3	164	132	76.1	54.0	30.3	17.8	28.8	239	332	10
11	83.8	70.8	111	138	124	74.9	52.8	28.8	17.8	29.3	218	300	11
12	80.5	88.0	143	134	112	88.0	51.0	28.5	18.0	30.2	186	176	12
13	109	84.5	148	133	95.7	83.7	50.1	27.2	18.3	29.5	182	149	13
14	102	82.3	137	138	89.6	83.5	48.3	26.3	17.8	29.2	164	123	14
15	97.8	88.8	127	139	87.0	73.7	43.5	26.5	18.9	28.2	151	112	15
16	108	85.5	118	142	80.4	84.3	43.4	25.5	25.6	28.7	137	103	16
17	128	88.8	114	148	74.3	86.7	42.7	30.4	26.9	28.4	120	88.5	17
18	132	88.8	108	143	72.7	80.5	41.2	31.0	25.1	38.4	110	80.8	18
19	128	80.4	103	141	72.7	84.5	38.7	30.3	27.8	51.4	104	87.0	19
20	118	88.7	97.5	200	88.8	80.5	39.4	19.7	27.4	80.8	118	82.7	20
21	114	84.08	92.5	275	85.8	88.2	38.0	20.0	24.9	90.3	123	78.4	21
22	110	88.28	92.5	248	83.8	88.0	41.5	19.8	25.2	120	113	76.3	22
23	102	118	91.7	205	84.3	85.4	38.0	19.1	24.9	180	118	73.6	23
24	92.8	113	88.7	178	83.0	88.0	36.4	18.8	24.2	223	120	72.4	24
25	89.2	104	88.4	183	80.3	84.0	37.8	18.8	25.3	203	118	88.0	25
26	85.1	97.3	84.9	168	82.3	80.5	32.5	22.7	28.0	244	109	88.7	26
27	83.4	92.5	81.2	162	87.5	81.1	32.5	22.1	28.9	218	108	86.3	27
28	74.5	88.4	88.0	132	88.1	82.5	31.7	21.7	28.5	188	102	84.3	28
29	76.4		104	125	89.4	83.3	31.2	20.9	28.2	188	103	81.0	29
30	88.3		103	128	81.2	88.9	28.8	20.3	24.5	180	100	88.7	30
31	122		112		88.8		29.8	20.0		135		89.9	31
TOTAL	3 082.1	2 276.4	3 024.7	4 880	2 848.8	2 080.4	1 588.8	788.8	681.0	2 587.2	3 739.8	4 804.2	TOTAL
MEAN	88.8	81.3	87.8	185	81.8	88.3	50.5	25.4	22.0	83.8	125	149	MEAN
MAX	132	118	148	275	148	88.8	88.8	33.2	27.8	244	238	435	MAX
MIN	74.5	48.8	82.8	125	80.3	80.5	28.8	18.8	17.8	24.2	82.8	89.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 87.3
MAXIMUM DAILY, 435 ON DEC 4
MINIMUM DAILY, 17.8 ON SEP 8
MAXIMUM INSTANTANEOUS,
455 AT 12:55 PST ON DEC 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 07 N
LONG 124 52 00 W
DRAINAGE AREA, 1 260 km²

B - ICE CONDITIONS

REGULATED SINCE 1966

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	288 000	JUL	135 000
FEB	187 000	AUG	88 200
MAR	261 000	SEP	57 100
APR	403 000	OCT	222 000
MAY	248 000	NOV	323 000
JUN	180 000	DEC	388 000

TOTAL DISCHARGE, 2 780 000 dam³

SOMENOS LAKE NEAR DUNCAN - STATION NO. 08HA013

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.515	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	0.079	---	---	2
3	---	---	---	0.840	---	---	0.028	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	0.022	---	---	---	4
5	---	---	---	---	---	0.055	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	-0.018	---	---	---	---	7
8	---	---	---	---	0.342	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	0.139	---	---	9
10	---	---	---	1.229	---	---	0.022	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	0.035	---	---	---	11
12	---	---	---	---	---	0.017	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	-0.021	---	---	---	---	15
16	---	---	---	---	0.258	---	---	---	---	0.189	---	---	16
17	---	---	---	0.863	---	---	0.015	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	0.022	---	---	---	18
19	---	---	---	---	---	0.015	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	0.005	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	0.148	---	---	---	---	0.262	---	---	23
24	---	---	---	0.880	---	---	-0.005	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	0.077	---	---	---	25
26	---	---	---	---	---	-0.013	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	1.077	---	---	---	---	---	0.015	---	---	---	---	28
29	---		0.801	---	0.128	---	---	---	---	0.352	0.732	---	29
30	---		---	---	---		---	---	---	---		0.847	30
31	0.981		---		---		-0.018	---		---			31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 46 13 N
LONG 123 42 26 W
DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SOOKE RIVER ABOVE CHARTERS RIVER - STATION NO. 08HA059

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	8.58A	17.1	1.44	0.898	0.238	0.948	0.992	0.127	1.84	7.89	1
2	---	---	8.38A	24.7	1.37	0.812	0.493	0.974	1.02	0.127	2.10	10.8	2
3	---	---	7.03A	26.8	1.30	0.778	0.813	1.03	1.05	0.128	7.86	---	3
4	---	---	6.19	24.8	1.27	0.872	0.488	1.04	1.09	0.128	10.7	---	4
5	---	---	9.28	---	1.21	0.881	0.388	1.04	1.10	0.177	7.88	---	5
6	---	---	28.5	---	1.20	0.443	0.370	1.02	1.08	0.248	27.8	33.4	6
7	---	---	31.2	---	1.16	0.442	0.323	0.885	1.09	0.278	18.7	28.5	7
8	---	---	17.1	30.8	1.03	0.433	0.300	0.661	1.08	0.207	---	36.7	8
9	---	---	18.8	19.9	0.951	0.425	0.301	0.608	1.09	0.194	---	30.8	9
10	---	---	22.5	14.3	0.871	0.436	0.278	0.574	1.09	0.193	---	18.5	10
11	---	---	34.5	10.8	0.827	0.438	0.288	0.578	1.10	0.887	35.9	13.1	11
12	---	---	38.3	9.20	0.798	0.388	0.263	0.570	1.08	3.78	20.4	10.4	12
13	---	---	29.1	7.82	0.890	0.365	0.245	0.570	1.09	3.46	16.1	8.73	13
14	---	---	20.8	8.26	0.843	0.373	0.231	0.892	1.09	3.08	16.8	7.23	14
15	---	---	16.0	8.40	0.884	0.384	0.208	0.748	1.09	2.87	12.1	8.86	15
16	---	---	14.8	4.84	0.858	0.347	0.217	0.785	1.05	2.84	8.78	8.67	16
17	---	---	13.8	4.18	0.837	0.386	0.268	0.840	1.02	1.24	8.25	8.11	17
18	---	---	14.3	3.73	0.786	0.369	0.337	0.844	1.03	0.762	7.85	4.84	18
19	---	---	15.0	3.47	0.767	0.320	0.311	0.889	1.03	0.704	7.87	4.38	19
20	---	---	13.3	3.34	0.778	0.308	0.284	0.914	1.03	0.838	13.8	4.28	20
21	---	---	14.0	2.77	0.784	0.360	0.243	1.05	1.03	1.18	15.1	4.23	21
22	---	23.7A	17.5	2.48	0.760	0.338	0.242	1.13	1.02	3.26	11.1	4.08	22
23	---	38.0	14.8	2.35	0.708	0.358	0.488	1.12	1.02	3.73	11.8	4.06	23
24	---	26.2	12.1	2.08	0.695	0.328	0.730	1.20	0.885	4.24	19.8	4.06	24
25	---	17.5	11.8	1.88	0.888	0.272	0.728	1.20	0.250	3.88	23.8	3.87	25
26	---	13.3	11.5	1.76	0.718	0.216	0.725	1.17	0.234	4.52	21.0	3.78	26
27	---	11.2	23.7	1.69	0.724	0.194	0.725	1.13	0.175	5.23	15.8	3.77	27
28	---	10.4	31.4	1.73	1.17	0.208	0.728	1.08	0.115	3.88	12.9	3.89	28
29	---		22.9	1.62	1.23	0.205	0.721	1.06	0.104	3.08	10.9	3.78	29
30	---		17.7	1.52	1.08	0.218	0.787	1.01	0.118	2.88	9.35	3.87	30
31	---		15.8		0.980		0.834	0.982		3.33		4.08	31
TOTAL	---	---	558.72	---	28.611	12.280	13.399	28.321	28.083	89.805	---	---	TOTAL
MEAN	---	---	18.0	---	0.923	0.409	0.432	0.914	0.888	1.92	---	---	MEAN
MAX	---	---	38.3	---	1.44	0.898	0.934	1.20	1.10	5.23	---	---	MAX
MIN	---	---	8.19	---	0.837	0.194	0.208	0.570	0.104	0.125	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.104 ON SEP 29

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 35 28 N
LONG 123 42 45 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 150
FEB	---	AUG	2 450
MAR	48 300	SEP	2 250
APR	---	OCT	8 150
MAY	2 470	NOV	---
JUN	1 080	DEC	---

SOUTH PASS CREEK AT THE MOUTH - STATION NO. 08LE105

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.485E	3.30	3.02	1.82	0.810	0.881	---	---	---	1
2	---	---	---	0.480E	3.34	3.00	1.38	0.706	1.50	---	---	---	2
3	---	---	---	0.470A	3.17	2.84	1.32	1.11	1.30	---	---	---	3
4	---	---	---	0.477	3.11	2.81	1.32	0.724	1.03	---	---	---	4
5	---	---	---	0.558	3.50	3.08	1.09	0.648	1.01	0.328A	---	---	5
6	---	---	---	0.747	4.75	3.18	0.980	0.614	0.833	---	---	---	6
7	---	---	---	0.700	4.81	2.71	0.985	0.490	0.732	---	---	---	7
8	---	---	---	0.677	4.37	2.48	0.976	0.482	0.678	---	---	---	8
9	---	---	---	0.648	4.49	2.69	0.873	0.507	0.808	---	---	---	9
10	---	---	---	0.651	5.46	2.20	0.856	0.439	0.556	---	---	---	10
11	---	---	---	0.579	3.80	1.86	0.837	0.383	0.519	---	---	---	11
12	---	---	---	0.770	2.70	1.84	0.810	0.371	0.488	---	---	---	12
13	---	---	---	0.840	2.21	2.02	0.872	0.424	0.453	---	---	---	13
14	---	---	---	1.22	1.83	3.45	0.858	0.449	0.433	---	---	---	14
15	---	---	---	1.68	1.84	3.83	1.38	0.788	0.408	---	---	---	15
16	---	---	---	1.85	2.12	3.11	1.21	0.786	0.418	---	---	---	16
17	---	---	---	1.64	2.53	2.26	1.45	0.781	0.430	---	---	---	17
18	---	---	---	1.40	2.47	1.84	1.13	0.858	0.385	---	---	---	18
19	---	---	---	1.78	2.04	2.48	0.978	0.897	0.377	---	---	---	19
20	---	---	---	2.11	1.80	2.16	0.919	0.844	0.357	---	---	---	20
21	---	---	---	2.38	1.71	1.72	0.856	0.823	0.328	---	---	---	21
22	---	---	---	1.80	1.56	1.78	0.730	0.962	0.328	---	---	---	22
23	---	---	---	1.80	1.76	1.68	0.852	0.758	0.321	---	---	---	23
24	---	---	---	1.65	1.82	1.50	0.598	0.587	0.308	---	---	---	24
25	---	---	---	1.62	1.81	1.40	0.548	0.677	0.284	---	---	---	25
26	---	---	---	1.83	1.73	1.42	0.647	0.588	0.263	---	---	---	26
27	---	---	---	1.62	1.64	1.38	0.571	0.580	0.263A	---	---	---	27
28	---	---	---	1.78	1.76	1.17	0.525	0.521	0.260E	---	---	---	28
29	---		---	2.16	1.68	1.17	0.509	0.589	0.275E	---	---	---	29
30	---		---	2.87	2.09	1.27	0.488	0.538	0.270E	---	---	---	30
31	---		---		2.58		0.495	0.634		---		---	31
TOTAL	---	---	---	38.480	84.52	67.59	28.645	18.899	16.080	---	---	---	TOTAL
MEAN	---	---	---	1.24	2.73	2.25	0.924	0.603	0.536	---	---	---	MEAN
MAX	---	---	---	2.87	5.46	3.83	1.82	1.11	1.50	---	---	---	MAX
MIN	---	---	---	0.455	1.56	1.17	0.488	0.371	0.270	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 5.46 ON MAY 10

MAXIMUM INSTANTANEOUS,
6.73 AT 14:25 PST ON MAY 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 56 35 N
LONG 116 28 28 W
DRAINAGE AREA, 30.2 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	2 470
FEB	---	AUG	1 630
MAR	---	SEP	1 380
APR	3 330	OCT	---
MAY	7 300	NOV	---
JUN	5 840	DEC	---

SOUTH THOMPSON RIVER AT CHASE - STATION NO. 08LE031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	143	114 B	96.0B	108	286	838	727	391	319	226	172	210	1
2	142	113 B	94.6B	110	282	843	719	382	321	219	170	208	2
3	141	112 B	94.1B	111	288	858	709	380	322	218	170	206	3
4	142	111 B	94.1B	111	314	877	692	380	324	214	173	205	4
5	140	111 B	93.8	112	330	895	676	378	327	211	173	204	5
6	140	111 B	93.8	113	348	718	684	375	328	207	174	203	6
7	137	110 B	93.6	116	376	736	652	371	324	202	176	189	7
8	135	108 B	92.6	116	407	764	632	367	321	200	178	201	8
9	135	109 B	92.6	117	436	783	618	362	318	198	178	200	9
10	1368	108 B	93.1	118	486	771	605	355	315	194	184	197	10
11	1348	107 B	93.1	122	501	778	591	348	311	190	189	195	11
12	132	107 B	93.0	122	536	784	582	342	306	189	188	194	12
13	132	106 B	94.6	122	556	787	569	336	301	188	203	193	13
14	131	106 B	96.6	126	558	787	559	333	298	188	210	191	14
15	129	105 B	95.8	129	570	823	554	327	293	185	210	190	15
16	129	104 B	96.4	133	575	850	550	326	289	184	213	188	16
17	128	103 B	97.3	139	585	861	543	328	288	181	215	188	17
18	126	102 B	97.8	144	600	864	534	330	280	179	215	185	18
19	126	102 B	98.6	148	612	852	527	327	277	177	215	185	19
20	126	101 B	98.4	155	618	841	516	326	274	176	220	185	20
21	124	101 B	98.7	165	622	831	498	324	270	176	220	177	21
22	123	101 B	99.8	177	620	822	487	334	268	172	218	175	22
23	122	100 B	99.8	188	618	810	480	329	261	170	218	173	23
24	118	99.0B	99.5	198	621	801	488	332	267	171	218	172	24
25	118	98.8	101	204	634	788	487	330	262	171	218	171	25
26	118	97.4	101	212	621	783	448	327	248	173	218	170	26
27	118	98.8	103	221	622	770	438	327	245	176	218	169	27
28	117	98.3	105	231	623	768	426	328	239	174	218	168	28
29	116		106	240	621	748	418	324	235	173	214	166	29
30	1168		107	251	618	738	408	321	233	174	212	163	30
31	1148		108		623		402	319		173		162	31
TOTAL	3 880	2 943.2	3 028.8	4 888	15 085	23 132	17 183	10 852	8 836	5 823	6 002	6 787	TOTAL
MEAN	128	105	97.8	162	618	771	583	344	288	188	200	187	MEAN
MAX	143	114	108	251	624	884	727	391	327	226	220	210	MAX
MIN	114	98.8	93.6	108	288	838	402	319	233	170	170	162	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 285
MAXIMUM DAILY, 884 ON JUN 18
MINIMUM DAILY, 93.6 ON MAR 5
MAXIMUM INSTANTANEOUS,
888 AT 12:32 PST ON JUN 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 45 54 N
LONG 119 44 35 W
DRAINAGE AREA, 18 300 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	348 000	JUL	1 480 000
FEB	264 000	AUG	920 000
MAR	282 000	SEP	748 000
APR	384 000	OCT	603 000
MAY	1 380 000	NOV	618 000
JUN	2 000 000	DEC	800 000

TOTAL DISCHARGE, 8 210 000 dam³

SPANAYE CREEK NEAR THE MOUTH - STATION NO. 08LA021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0708	3.18	8.27	4.88	0.788	2.70	---	---	---	1
2	---	---	---	0.0608	2.84	10.8	5.15	0.638	2.72	---	---	---	2
3	---	---	---	0.0508	2.84	8.84	4.80	4.15	3.48	---	---	---	3
4	---	---	---	0.0508	2.72	11.3	4.45	2.55	1.90	---	---	---	4
5	---	---	---	0.0558	3.85	10.3	3.94	1.71	1.78	---	---	---	5
6	---	---	---	0.0848	4.08	9.48	2.70	1.44	1.88	---	---	---	6
7	---	---	---	0.1058	5.58	7.43	2.78	1.44	1.42	---	---	---	7
8	---	---	---	0.1158	7.03	8.38	2.84	1.14	1.30	---	---	---	8
9	---	---	---	0.1208	7.14	4.80	3.48	1.02	1.28	---	---	---	9
10	---	---	---	0.1358	10.2	7.83	2.70	0.884	1.12	---	---	---	10
11	---	---	---	0.1708	8.11	7.43	3.30	0.742	0.888	---	---	---	11
12	---	---	---	0.2108	8.38	8.28	3.00	0.854	0.728	---	---	---	12
13	---	---	---	0.230	5.98	7.14	2.80	0.828	0.888	---	---	---	13
14	---	---	---	0.324	3.48	14.0	2.90	0.840	0.854	---	---	---	14
15	---	---	---	0.426	3.44	13.0	4.45	1.24	0.840	---	---	---	15
16	---	---	---	0.502	4.33	8.42	4.01	2.31	0.847	---	---	---	16
17	---	---	---	0.445	4.88	4.38	2.88	1.60	0.710	---	---	---	17
18	---	---	---	0.455	4.08	3.82	2.33	1.44	0.728	---	---	---	18
19	---	---	---	0.634	3.44	3.88	2.18	1.30	0.780	---	---	---	19
20	---	---	---	1.06	2.83	2.82	1.86	1.08	0.808	---	---	---	20
21	---	---	---	1.37	2.37	2.74	1.85	1.18	0.814	---	---	---	21
22	---	---	---	1.19	2.14	3.30	1.71	1.34	0.818	---	---	---	22
23	---	---	---	0.842	2.24	3.84	1.42	4.30	0.818	---	---	---	23
24	---	---	---	0.788	2.18	3.72	1.28	3.18	0.840	---	---	---	24
25	---	---	---	0.869	2.18	3.78	1.18	2.84	0.840	---	---	---	25
26	---	---	---	1.18	2.42	5.15	1.04	2.31	0.480	---	---	---	26
27	---	---	---	1.21	2.47	4.85	1.04	2.18	0.410	---	---	---	27
28	---	---	---	1.25	2.44	4.85	1.00	1.85	0.395	---	---	---	28
29	---		---	1.88	2.88	3.88	0.950	1.66	0.370	---	---	---	29
30	---		---	2.18	4.85	5.80	0.818	2.58	0.344	---	---	---	30
31	---		---		8.24		0.870	2.25		---		---	31
TOTAL	---	---	---	17.988	131.24	182.38	80.258	53.134	31.908	---	---	---	TOTAL
MEAN	---	---	---	0.800	4.23	8.41	2.89	1.71	1.06	---	---	---	MEAN
MAX	---	---	---	2.18	10.2	14.0	5.15	4.30	3.48	---	---	---	MAX
MIN	---	---	---	0.050	2.14	2.74	0.870	0.638	0.344	---	---	---	MIN

SUMMARY FOR THE YEAR 1969

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 14.0 ON JUN 14

TYPE OF GAUGE - MANUAL
LOCATION - LAT 61 44 03 N
LONG 130 00 27 W
DRAINAGE AREA, 52.5 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	6 930
FEB	---	AUG	4 580
MAR	---	SEP	3 780
APR	1 680	OCT	---
MAY	11 300	NOV	---
JUN	18 800	DEC	---

SPAHOMIN CREEK NEAR THE MOUTH - STATION NO. 08LG080

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0588	0.0788	0.1208	0.1808E	0.442	4.04	1.77	0.725	1.17	0.317	0.082E	0.098E	1
2	0.0788	0.0538	0.1208	0.1808E	0.502	3.86	1.62	0.818	1.25	0.288	0.062E	0.100E	2
3	0.0808	0.0408	0.1228	0.1868E	0.571	3.48	1.78	0.810	1.09	0.284	0.053E	0.106E	3
4	0.0888	0.0408	0.1308	0.2108E	0.648	3.86	1.81	0.748	0.988	0.268	0.060E	0.115E	4
5	0.0928	0.0418	0.1468	0.2338E	0.721	3.83	1.78	0.721	0.867	0.259	0.070E	0.140E	5
6	0.0858	0.0448	0.1588	0.2508E	0.781	3.43	1.78	0.783	0.873	0.255	0.078E	0.174A	6
7	0.0788	0.0478	0.1708	0.2658A	0.814	3.18	1.75	0.758	0.843	0.248	0.088E	0.180E	7
8	0.0708	0.0518	0.1808	0.248	0.873	3.17	1.78	0.830	0.803	0.247	0.100E	0.188E	8
9	0.0728	0.0558	0.2118	0.238	0.853	3.02	1.74	0.802	0.773	0.238	0.120E	0.208E	9
10	0.0748	0.0598	0.2208	0.228	0.868	2.84	1.63	0.808	0.741	0.261	0.138E	0.220B	10
11	0.0788	0.0648	0.2328	0.230	0.957	2.67	1.46	0.772	0.728	0.284	0.180E	0.217B	11
12	0.0848	0.0688	0.2318	0.238	1.01	2.19	1.38	0.761	0.697	0.243	0.170E	0.214B	12
13	0.0848	0.0728	0.2268	0.255	1.03	2.08	1.30	0.757	0.673	0.228	0.200E	0.200B	13
14	0.0868	0.0788	0.2238	0.283	1.06	2.00	1.40	0.738	0.654	0.217	0.200E	0.180B	14
15	0.0828	0.0848	0.2188	0.268	1.10	1.80	1.60	0.767	0.627	0.211	0.188E	0.170B	15
16	0.0828	0.0818	0.2078	0.258	1.11	1.82	1.48	0.838	0.582	0.193	0.182E	0.176B	16
17	0.1308	0.0888	0.2008	0.243	1.16	1.77	1.32	0.794	0.558	0.188	0.182E	0.180B	17
18	0.1888	0.1028	0.2008	0.231	1.12	1.67	1.16	0.758	0.523	0.184	0.178E	0.200B	18
19	0.1718	0.1058	0.2058	0.254	1.14	1.60	0.938	0.838	0.512	0.174	0.160E	0.200B	19
20	0.1708	0.1128	0.2108	0.283	1.17	1.60	0.847	0.755	0.492	0.178	0.150E	0.190B	20
21	0.1828	0.1188	0.2208	0.308	1.17	1.58	0.822	0.728	0.484	0.169	0.140E	0.170B	21
22	0.1588	0.1278	0.2288	0.304	1.20	1.56	0.838	0.702	0.465	0.160	0.138E	0.160B	22
23	0.1358	0.1408	0.234A	0.314	1.32	1.82	0.823	0.690	0.438	0.158	0.138E	0.140B	23
24	0.1208	0.1608	0.234E	0.351	1.84 A	1.82	0.802	0.668	0.410	0.165	0.134E	0.145B	24
25	0.1228	0.1808	0.2268	0.367	2.87	1.86	0.800	0.848	0.408	0.163A	0.130E	0.180B	25
26	0.1268	0.1388	0.222E	0.385	4.38	1.84	0.801	0.880	0.380	0.138A	0.120E	0.180B	26
27	0.1328	0.1308	0.215E	0.370	5.30	1.83	0.822	0.822	0.372	0.118E	0.110E	0.175B	27
28	0.1608	0.1278	0.205E	0.381	4.35	1.83	0.801	0.820	0.360	0.100E	0.102E	0.180B	28
29	0.1808		0.198E	0.398	3.89	1.87	0.848	0.838	0.350	0.088E	0.098E	0.215B	29
30	0.2308		0.188E	0.403	4.17	1.88	0.810	0.823	0.332	0.070E	0.098E	0.240B	30
31	0.1808		0.180E		4.15		0.750	1.11		0.080E		0.280B	31
TOTAL	3.802	2.472	6.084	8.300	52.828	70.46	38.371	23.284	19.558	5.159	3.800	5.469	TOTAL
MEAN	0.116	0.088	0.196	0.277	1.70	2.35	1.27	0.750	0.652	0.169	0.127	0.176	MEAN
MAX	0.230	0.180	0.234	0.403	5.30	4.04	1.82	1.11	1.25	0.317	0.200	0.280	MAX
MIN	0.058	0.040	0.120	0.180	0.442	1.67	0.750	0.622	0.332	0.080	0.052	0.088	MIN

SUMMARY FOR THE YEAR 1969

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.691
MAXIMUM DAILY, 5.30 ON MAY 27
MINIMUM DAILY, 0.040B ON FEB 3
MAXIMUM INSTANTANEOUS,
5.85 AT 16:50 PST ON MAY 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 08 08 N
LONG 130 16 30 W
DRAINAGE AREA, 241 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	211	JUL	3 400
FEB	214	AUG	2 010
MAR	526	SEP	1 690
APR	717	OCT	532
MAY	4 590	NOV	328
JUN	6 090	DEC	473

TOTAL DISCHARGE, 20 800 dam³

SPATSIZI RIVER NEAR THE MOUTH - STATION NO. 08CA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.808	8.058	7.808	9.208	47.8	278	118	121	55.3	57.6	27.8	19.0 B	1
2	8.708	8.758	7.658	9.208	57.3	257	124	107	48.7	51.3	28.7	18.1 B	2
3	8.858	8.458	8.308	9.208	72.6	241	158	96.8	46.2	47.6	30.6	18.8 B	3
4	8.208	8.108	8.708	9.208	105	267	169	90.8	50.3	53.4	30.3	18.0 B	4
5	7.808	7.908	8.908	9.208	148	287	174	84.0	50.1	57.4	28.6	18.1 B	5
6	7.308	7.808	8.858	9.208	180	277	205	105	48.7	53.3	28.8	14.3 B	6
7	7.208	7.408	8.758	9.208	189	238	230	113	47.3	51.7	26.0	13.8 B	7
8	7.308	7.308	8.458	9.258	182	211	303	97.8	45.8	52.7	22.4	13.0 B	8
9	7.308	7.258	7.908	9.308	180	214	183	87.3	43.9	52.7	20.38	12.2 B	9
10	7.408	7.308	7.358	9.358	173	215	163	84.8	40.7	54.8	19.08	12.2 B	10
11	7.558	7.558	7.158	9.358	163	221	171	98.6	38.8	53.8	17.38	13.0 B	11
12	7.708	7.708	7.158	9.408	118	247	188	108	37.9	48.6	18.48	14.0 B	12
13	7.458	7.608	7.308	9.408	88.8	283	146	93.9	37.0	47.0	18.38	14.7 B	13
14	7.858	7.808	7.708	9.458	81.4	262	137	91.4	34.8	46.4	18.48	14.8 B	14
15	8.058	7.708	7.908	9.458	98.8	247	127	90.3	34.7	38.0	17.08	14.1 B	15
16	8.108	7.608	8.058	9.508	122	188	108	85.1	33.7	32.8	17.80	13.8 B	16
17	8.158	7.458	8.158	9.558	118	148	89.8	88.8	32.0	36.2	18.58	13.0 B	17
18	8.158	7.408	8.208	9.608	102	133	103	87.7	30.8	40.7	18.78	11.8 B	18
19	8.108	7.458	8.208	9.708	98.1	120	108	80.0	32.8	38.1	18.38	11.0 B	19
20	8.158	7.858	8.258	9.808	93.8	113	109	76.0	36.6	36.1	17.48	10.0 B	20
21	8.208	8.008	8.458	9.908	88.1	122	111	77.1	40.8	36.7	17.88	9.808	21
22	8.408	8.808	8.458	10.1 B	84.0	128	103	83.3	80.2	35.6	17.88	10.6 B	22
23	8.708	8.858	8.858	10.4 B	84.8	138	113	81.8	81.4	34.6	17.08	11.4 B	23
24	9.008	8.908	9.008	11.3 B	87.3	144	103	78.8	48.6	31.7	16.88	12.8 B	24
25	9.308	8.808	9.158	12.4 B	106	173	82.8	71.4	44.1	32.7	16.38	13.7 B	25
26	9.858	8.458	9.208	13.5 B	108	182	87.8	88.7	41.8	33.0	18.88	13.4 B	26
27	9.708	8.058	9.258	18.0 B	110	138	84.8	81.1	40.3	31.8	18.18	11.7 B	27
28	9.758	7.708	9.308	21.0 B	128	119	84.8	87.7	38.7	27.0	17.38	11.0 B	28
29	9.708		9.308	25.0 B	185	110	109	88.3	48.3	28.2	18.08	10.8 B	29
30	9.858		9.258	34.0 B	256	114	107	83.3	80.8	30.8	16.88	11.0 B	30
31	9.308		9.208		281		107	82.3		27.4		11.2 B	31
TOTAL	259.15	232.48	280.40	381.10	3 907.8	5 779	4 142.4	2 830.7	1 284.0	1 304.2	800.6	388.48	TOTAL
MEAN	8.38	7.86	8.40	11.7	126	193	134	84.9	42.8	42.1	30.0	12.8	MEAN
MAX	9.76	8.06	9.30	34.0	281	287	230	121	80.8	57.8	30.8	19.8	MAX
MIN	7.20	7.26	7.16	8.20	47.8	110	84.8	82.3	30.8	27.0	14.8	8.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 87.8
MAXIMUM DAILY, 287 ON JUN 6
MINIMUM DAILY, 7.158 ON MAR 11
MAXIMUM INSTANTANEOUS,
308 AT 00:01 PST ON JUN 5

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 40 13 N
LONG 128 08 13 W
DRAINAGE AREA, 3 400 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	22 400	JUL	388 000
FEB	18 200	AUG	227 000
MAR	22 500	SEP	111 000
APR	30 300	OCT	113 000
MAY	336 000	NOV	81 800
JUN	498 000	DEC	34 800

TOTAL DISCHARGE, 1 830 000 dam³

SPIUS CREEK NEAR CANFORD - STATION NO. 08LE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.108	2.508	2.188	2.808	47.0	88.2	8.82	1.81	2.87	1.40	3.82	8.48	1
2	2.308	2.008	2.008	2.508	80.3	88.8	7.50	2.81	3.21	1.38	3.84	8.88	2
3	2.508	1.808	1.888	2.388	82.8	58.0	7.42	4.08	2.33	1.38	3.87	14.8	3
4	2.488	1.308	1.828	2.308	83.8	51.0	7.18	2.78	2.88	1.33	8.84	26.4	4
5	2.208	1.408	1.808	2.808	88.8	82.4	8.41	2.33	3.30	1.31	8.82	18.0	5
6	1.988	1.888	1.838	3.268	71.2	80.7	8.02	2.08	3.11	1.30	8.80	14.2	6
7	1.708	1.858	1.888	7.74	73.4	41.8	6.78	1.87	2.72	1.31	8.78	10.7	7
8	1.408	2.108	1.858	7.84	87.4	39.1	5.82	1.78	2.37	1.28	8.81	12.1	8
9	1.408	2.208	2.208	8.80	83.3	34.3	5.23	1.80	2.14	1.28	14.7	10.4	9
10	1.908	2.258	2.808	8.88	88.1	28.7	8.18	1.81	1.88	1.38	43.7	8.18	10
11	1.808	2.308	3.108	7.85	42.1	24.1	8.83	1.42	1.88	1.84	18.2	7.11	11
12	2.408	2.388	3.708	10.2	31.3	28.3	6.72	1.37	1.81	8.08	12.8	7.84	12
13	2.208	2.408	3.808	12.8	24.0	25.8	6.88	1.40	1.72	8.34	12.4	7.82	13
14	2.088	2.408	3.708	18.3	23.1	22.8	5.58	1.34	1.88	4.88	8.10	8.88	14
15	2.808	2.388	3.308	23.1	23.6	20.9	5.88	1.47	1.82	3.88	8.00	8.24	15
16	2.808	2.348	3.008	24.4	31.8	17.3	8.34	3.77	1.87	3.28	7.84	8.808	16
17	2.838	2.208	2.708	21.0	31.8	14.3	4.80	4.81	1.88	2.82	8.08	8.708	17
18	2.638	2.208	2.608	21.2	28.1	14.0	4.38	4.82	1.80	2.37	7.88	8.808	18
19	2.438	2.218	2.308	28.4	30.7	13.2	4.03	7.40	1.88	8.28	8.17	4.808	19
20	2.338	2.228	2.308	30.7	18.8	11.8	3.85	8.88	1.81	4.34	12.4	4.008	20
21	2.388	2.408	2.328	32.3	18.2	10.8	3.32	8.24	1.48	4.88	13.3	3.408	21
22	2.178	2.008	2.388	27.1	17.8	10.8	3.08	4.73	1.48	8.08	8.44	3.208	22
23	2.108	2.208	2.808	24.8	17.3	11.4	2.83	3.83	1.43	8.14	8.84	3.008	23
24	2.138	2.008	2.408	24.0	17.8	12.1	2.83	3.80	1.38	10.0	8.37	2.908	24
25	2.208	2.708	2.388	24.4	17.7	11.8	2.41	3.11	1.35	7.72	8.11	2.808	25
26	2.458	2.808	2.448	28.8	17.8	12.0	2.28	3.08	1.37	8.48	8.23	2.808	26
27	2.708	2.408	2.848	28.7	21.8	10.8	2.27	2.81	1.38	8.88	7.43	3.008	27
28	2.808	2.888	2.828	27.8	40.2	8.87	2.14	2.87	1.38	8.17	7.88	4.008	28
29	2.108		2.628	33.7	34.8	8.24	2.02	2.37	1.38	4.88	8.80	4.008	29
30	2.808		2.888	41.0	38.8	8.04	1.88	2.03	1.33	4.38	8.88	3.808	30
31	2.008		2.828		82.8		1.80	2.88		4.07		3.888	31
TOTAL	74.38	63.81	77.83	624.78	1 181.8	782.28	144.12	94.77	58.43	117.87	284.82	224.14	TOTAL
MEAN	2.40	2.28	2.51	17.8	37.8	26.1	4.88	3.08	1.88	3.80	8.83	7.23	MEAN
MAX	3.80	3.20	3.80	41.0	73.4	88.8	8.32	7.40	3.32	10.0	43.7	26.4	MAX
MIN	1.40	1.30	1.80	2.30	17.3	8.24	1.80	1.34	1.33	1.38	3.82	3.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.81
MAXIMUM DAILY, 73.4 ON MAY 7
MINIMUM DAILY, 1.28 ON OCT 8
MAXIMUM INSTANTANEOUS,
85.2 AT 33:38 PST ON MAY 6

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 07 N
LONG 121 01 47 W
DRAINAGE AREA, 780 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 420	JUL	13 800
FEB	8 510	AUG	8 190
MAR	8 730	SEP	8 050
APR	46 300	OCT	10 200
MAY	100 000	NOV	25 800
JUN	67 800	DEC	19 400

TOTAL DISCHARGE, 312 000 dam³

SPLIT CREEK AT THE MOUTH - STATION NO. 08NB015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.477	0.3008	0.2888	0.230	1.37	3.88	4.83	3.44	2.52	0.973	0.750	0.477	1
2	0.473	0.2488	0.2178	0.223	1.54	4.73	4.38	3.88	2.48	0.932	0.748	0.480	2
3	0.485	0.2538	0.1888	0.225	1.58	5.34	3.81	3.86	2.48	0.923	0.741	0.488	3
4	0.484	0.2508	0.1898	0.222	1.61	5.77	3.80	3.07	2.48	0.884	0.780	0.495	4
5	0.477	0.2878	0.250	0.233	1.92	5.70	3.84	2.77	2.85	0.888	0.733	0.488	5
6	0.473	0.3188	0.248	0.233	2.54	7.98	3.63	2.54	2.44	0.883	0.718	0.478	6
7	0.3888	0.418	0.248	0.234	3.18	7.28	4.03	2.42	2.37	0.880	0.872	0.488	7
8	0.3418	0.385	0.238	0.238	3.82	8.50	4.81	2.37	2.24	0.828	0.837	0.483	8
9	0.3278	0.370	0.237	0.240	4.08	8.58	3.98	2.38	2.13	0.808	0.883	0.448	9
10	0.3288	0.360	0.238	0.247	4.42	6.82	3.90	2.38	2.02	0.908	0.938	0.4278	10
11	0.3218	0.383	0.237	0.288	4.18	5.77	4.74	2.20	1.82	0.887	0.804	0.3978	11
12	0.383	0.388	0.238	0.262	3.41	6.83	4.88	2.12	1.88	0.810	0.707	0.3848	12
13	0.383	0.388	0.228	0.278	2.81	7.40	4.85	2.13	1.77	0.888	0.827	0.3888	13
14	0.380	0.404	0.220	0.305	2.87	8.21	4.88	2.11	1.71	0.898	0.843	0.3888	14
15	0.381	0.402	0.224	0.382	2.88	8.10	5.27	2.18	1.84	0.894	0.8318	0.3948	15
16	0.387	0.398	0.2248	0.344	2.74	8.87	5.33	2.53	1.87	0.882	0.817	0.4008	16
17	0.371	0.387	0.2218	0.332	2.68	8.80	4.78	2.88	1.80	0.823	0.818	0.3868	17
18	0.370	0.382	0.240	0.383	2.88	8.18	4.28	2.71	1.43	0.848	0.814	0.3418	18
19	0.372	0.404	0.238	0.376	2.88	6.84	3.88	2.82	1.38	0.822	0.827	0.3078	19
20	0.374	0.403	0.237	0.388	2.38	6.48	4.07	2.88	1.31	0.808	0.808	0.2788	20
21	0.372	0.420	0.238	0.474	2.24	3.81	3.93	3.07	1.24	0.810	0.811	0.2808	21
22	0.381	0.420	0.230	0.881	2.13	3.47	3.28	3.48	1.22	0.884	0.837	0.2908	22
23	0.328	0.425	0.222	0.881	2.18	3.83	3.80	3.80	1.18	0.832	0.8808	0.2988	23
24	0.2588	0.420	0.220	0.528	2.26	3.98	3.82	3.12	1.14	0.884	0.8708	0.3008	24
25	0.2598	0.3288	0.221	0.511	2.21	4.10	2.84	2.84	1.11	0.889	0.880	0.3388	25
26	0.2878	0.3278	0.228	0.528	2.17	4.48	2.43	2.84	1.09	0.881	0.830	0.3728	26
27	0.2888	0.3248	0.225	0.838	2.23	4.90	2.48	2.83	1.08	0.858	0.8208	0.377	27
28	0.278	0.3118	0.238	0.673	2.23	4.28	2.82	2.75	1.02	0.803	0.818	0.377	28
29	0.282		0.222	0.707	2.18	3.78	2.80	2.87	1.01	0.778	0.808	0.377	28
30	0.408		0.232	0.844	2.31	4.38	2.48	2.88	1.01	0.802	0.484	0.381	30
31	0.3328		0.228		2.72		2.48	2.81		0.774		0.378	31
TOTAL	11.818	10.120	7.111	11.800	78.87	188.42	118.42	82.08	50.90	28.078	19.388	11.887	TOTAL
MEAN	0.371	0.381	0.228	0.383	2.87	6.88	3.82	2.86	1.70	0.881	0.643	0.387	MEAN
MAX	0.484	0.425	0.268	0.844	4.42	8.21	5.33	3.80	2.88	0.973	0.838	0.488	MAX
MIN	0.268	0.248	0.188	0.222	1.37	3.47	2.43	2.11	1.01	0.774	0.484	0.280	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.83
MAXIMUM DAILY, 8.21 ON JUN 14
MINIMUM DAILY, 0.1888 ON MAR 3
MAXIMUM INSTANTANEOUS,
8.73 AT 20:52 MST ON JUN 14

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 31 37 N
LONG 116 53 58 W
DRAINAGE AREA, 61.3 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	695	JUL	10 200
FEB	574	AUG	7 080
MAR	514	SEP	4 400
APR	894	OCT	2 300
MAY	8 880	NOV	1 870
JUN	14 400	DEC	1 040

TOTAL DISCHARGE, 61 900 dam³

SPROAT LAKE NEAR ALBERNI - STATION NO. 08HB015

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.848	1.834	1.884	1.888	1.880	1.884	1.474	1.284	1.098	0.828	1.884	1.870	1
2	1.852	1.812	1.870	1.820	1.872	1.872	1.522	1.258	1.090	0.818	1.832	2.084	2
3	1.720	1.888	1.840	1.840	1.864	1.880	1.550	1.282	1.082	0.810	1.888	2.232	3
4	1.821	1.814	1.888	1.832	1.848	1.880	1.588	1.250	1.080	0.810	1.842	2.880	4
5	1.828	1.772	1.814	1.880	1.832	1.872	1.880	1.244	1.072	0.820	1.810	2.818	5
6	1.813	1.742	1.838	3.042	1.840	1.870	1.884	1.238	1.088	0.812	1.788	2.742	6
7	1.780	1.888	1.838	2.188	1.840	1.886	1.880	1.224	1.082	0.810	1.784	2.880	7
8	1.788	1.870	1.870	2.188	1.828	1.888	1.834	1.214	1.088	0.888	1.884	2.822	8
9	1.830	1.846	1.888	2.130	1.800	1.880	1.822	1.210	1.082	0.884	2.088	2.884	9
10	1.884	1.898	1.730	2.092	1.882	1.840	1.488	1.184	1.042	0.902	2.440	2.488	10
11	1.880	1.880	1.814	2.084	1.838	1.834	1.480	1.180	1.042	0.914	2.414	2.488	11
12	1.872	1.892	1.882	2.042	1.800	1.814	1.488	1.184	1.030	0.920	2.342	2.372	12
13	1.810	1.828	1.880	2.082	1.770	1.812	1.450	1.172	1.022	0.920	2.198	2.298	13
14	1.788	1.808	1.880	2.042	1.742	1.836	1.438	1.180	1.018	0.918	2.224	2.188	14
15	1.788	1.482	1.838	2.032	1.712	1.828	1.428	1.178	1.004	0.914	2.174	2.122	15
16	1.784	1.484	1.880	2.024	1.888	1.814	1.412	1.172	0.998	0.910	2.114	2.044	16
17	1.878	1.482	1.887	2.014	1.882	1.498	1.398	1.170	0.894	0.914	2.052	1.980	17
18	2.012	1.480	1.880	1.880	1.888	1.494	1.394	1.182	0.892	0.980	2.012	1.938	18
19	1.998	1.448	1.838	1.882	1.834	1.810	1.378	1.180	0.888	1.070	1.884	1.878	19
20	1.884	1.438	1.794	2.288	1.812	1.498	1.380	1.148	0.882	1.200	2.012	1.818	20
21	1.842	1.432	1.788	2.284	1.888	1.482	1.342	1.182	0.870	1.248	2.014	1.784	21
22	1.818	1.774	1.788	2.268	1.872	1.470	1.340	1.182	0.888	1.820	1.878	1.742	22
23	1.872	1.818	1.770	2.230	1.862	1.484	1.328	1.182	0.880	1.882	1.888	1.721	23
24	1.780	1.812	1.748	2.188	1.832	1.482	1.320	1.180	0.884	2.128	1.884	1.888	24
25	1.738	1.808	1.718	2.138	1.818	1.440	1.318	1.148	0.850	2.182	1.872	1.888	25
26	1.780	1.788	1.888	2.072	1.882	1.438	1.312	1.138	0.850	2.314	1.844	1.844	26
27	1.712	1.780	1.740	2.048	1.880	1.422	1.288	1.132	0.846	2.282	1.812	1.820	27
28	1.712	1.738	1.784	2.032	1.878	1.422	1.262	1.128	0.838	2.234	1.814	1.880	28
29	1.840		1.812	2.012	1.870	1.412	1.278	1.120	0.832	2.180	1.824	1.852	29
30	1.828		1.814	1.898	1.862	1.422	1.272	1.110	0.830	2.082	1.818	1.832	30
31	1.842		1.842		1.880		1.258	1.110		2.033		1.832	31
MEAN	1.808	1.880	1.778	2.085	1.732	1.807	1.417	1.178	1.008	1.318	2.013	2.074	MEAN
MAX	2.012	1.934	1.880	2.284	1.880	1.880	1.588	1.284	1.098	2.314	2.440	2.880	MAX
MIN	1.830	1.432	1.888	1.888	1.818	1.412	1.258	1.110	0.830	0.884	1.784	1.832	MIN

WATER LEVELS IN METRES

MEAN, 1.828
MAXIMUM DAILY, 2.880 ON DEC 4
MINIMUM DAILY, 0.884 ON OCT 9

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 17 05 N
LONG 124 56 00 W

REGULATED SINCE 1986

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SPROAT RIVER NEAR ALBERNI - STATION NO. 08HB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	35.5	42.1	27.4	38.3	44.1	20.0	15.0 E	5.87	1.77	1.21	43.5	43.0	1
2	35.0	38.5	26.0	40.2	43.2	20.4	15.0 E	5.55	1.71	1.20	32.0	57.2	2
3	37.6	37.8	24.7	40.6	42.4	20.6	20.8	5.40	1.63	1.39	36.5	71.6	3
4	36.6	34.8	22.6	41.4	42.2	20.7	21.3	5.21	1.55	1.18	36.3	100	4
5	36.2	33.7	24.1	43.7	42.1	20.7	21.0	5.06	1.66	1.17	32.9	97.1	5
6	36.7	30.6	24.2	48.9	42.0	20.6	20.0	4.88	1.83	1.18	31.8	81.4	6
7	32.4	26.1	24.1	42.4	42.0	20.2	18.9	4.86	1.80	1.18	30.9	68.3	7
8	30.7	25.0	25.8	85.1	41.0	19.8	18.0	4.24	1.80	1.14	35.8	60.8	8
9	29.3	23.5	26.2	52.8	40.1	19.4	17.0	4.05	1.48	1.13	58.5	77.8	9
10	27.1	23.3	29.5	80.8	39.0	19.0	18.1	3.88	1.48	1.11	71.8	78.5	10
11	26.1	20.8	34.6	48.6	36.4	18.5	18.2	3.59	1.48	1.14	78.1	80.8	11
12	26.3	19.2	43.5	48.5	34.5	17.8	14.4	3.33	1.47	1.35	86.1	87.6	12
13	33.8	17.8	48.4	48.5	31.0	17.1	13.6	3.12	1.42	1.87	83.8	82.6	13
14	33.6	16.8	46.2	48.5	30.2	17.3	13.3	3.28	1.42	1.84	88.8	88.6	14
15	33.4	15.8	42.8	46.8	28.8	17.7	12.5	3.18	1.41	2.08	86.8	82.2	15
16	37.4	15.5	41.8	46.6	28.0	17.1	12.1	3.03	1.38	1.84	80.9	48.1	16
17	46.3	13.8	39.7	46.1	25.7	16.8	11.6	2.88	1.36	1.84	48.1	44.3	17
18	48.0	14.8	37.3	43.8	25.8	16.4	11.4	2.75	1.32	2.11	45.8	40.2	18
19	48.7	13.6	35.4	44.6	24.2	16.2	10.8	2.68E	1.32	2.30	45.5	37.1	19
20	43.8	13.2	33.0	86.6	22.8	16.0	10.1	2.62E	1.32	4.81	46.0	34.4	20
21	41.8	13.2	33.2	82.3	21.1	15.7	9.48	2.58E	1.32	13.2	48.8	32.0	21
22	40.3	33.2	32.7	81.0	19.8	15.2	8.90	2.55	1.31	23.2	43.8	30.2	22
23	37.8	32.4	31.8	88.8	19.3	14.7	8.44	2.43	1.28	45.6	43.0	26.7	23
24	36.6	34.4	30.3	86.3	18.3	14.1	8.20	2.37	1.26	52.1	44.4	27.1	24
25	33.8	33.6	28.8	83.5	17.4	13.3	7.98	2.30	1.28	53.0	42.4	28.3	25
26	32.4	32.4	28.3	81.4	20.0	12.8	7.40	2.18	1.28	63.5	41.2	23.3	26
27	30.6	30.8	30.1	48.7	20.7	12.5	6.94	2.09	1.26	62.3	38.3	21.5	27
28	28.4	28.0	33.7	47.4	20.7	12.3	6.64	1.98	1.23	58.9	39.8	20.4	28
29	33.8		34.3	46.5	20.5	12.5	6.32	1.92	1.21	63.4	40.3	18.5	29
30	35.3		34.4	44.5	20.1	12.7	6.68	1.88	1.31	80.3	41.0	17.8	30
31	43.2		35.4		19.8		6.84	1.83		48.7		16.3	31
TOTAL	1 078.4	705.5	1 008.0	1 473.4	923.8	504.1	383.61	103.42	42.22	858.44	1 388.8	1 878.8	TOTAL
MEAN	34.8	25.2	32.5	48.1	29.8	16.8	12.7	3.34	1.41	17.9	46.3	61.0	MEAN
MAX	48.7	42.1	48.4	82.3	44.4	20.7	21.3	6.87	1.77	63.5	71.8	100	MAX
MIN	26.0	13.2	23.8	38.3	19.4	12.3	6.84	1.83	1.21	1.11	30.9	17.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.7
MAXIMUM DAILY, 100 ON DEC 4
MINIMUM DAILY, 1.11 ON OCT 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 17 33 N
LONG 124 54 37 W
DRAINAGE AREA, 347 km²

E - ESTIMATED
REGULATED SINCE 1956

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	93 300	JUL	33 900
FEB	61 000	AUG	8 940
MAR	86 900	SEP	3 650
APR	127 000	OCT	48 100
MAY	79 600	NOV	120 000
JUN	43 900	DEC	137 000

TOTAL DISCHARGE, 843 000 dam³

SQUAMISH RIVER NEAR BRACKENDALE - STATION NO. 08GA022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	87.2E	193	48.4	73.1	358	488A	389	539	287	183	81.5	89.8	1
2	88.9E	120 .8	48.8	73.0	361	503A	351	440	278	135	88.3	132	2
3	88.1A	89.48	37.6	88.5	366	528A	380	404	261	118	143	278	3
4	82.5	87.38	36.3	84.2	344	530A	348	388	244	118	304	583	4
5	77.8	83.78	37.3	89.5	389	548A	305	423	241	120	186	278	5
6	87.6	89.38	45.1	88.3	401	532A	274	434	217	126	149	180	6
7	48.7	48.28	48.7	138	448	533A	283	443	244	149	168	184	7
8	47.6	48.38	48.3	131	455	532A	307	437	268	141	171	177	8
9	86.2	51.4	72.1	107	434	506A	283	407	262	133	878	167	9
10	80.8	48.8	111	88.8	407	483A	342	341	208	213	1 170	124	10
11	47.1	41.4	113	112	224	520A	278	284	207	208	438	110	11
12	44.8	44.6	142	141	249	581A	413	260	241	232	248	102	12
13	51.6	47.3	104	169	219	598A	486	286	260	183	188	88.8	13
14	48.8	44.1	82.8	218	233	704	478	306	264	134	187	82.6	14
15	43.7	46.8	82.8	263	271A	698	474	278	283	88.0	136	88.8	15
16	68.4	38.8	83.8	222	303A	431	438	278	238	83.4	124	88.8	16
17	108	43.1	87.1	167	361A	383	417	325	198	88.0	118	84.4	17
18	78.3	38.8	88.3	158	288A	328	388	376	184	802	118	80.8	18
19	88.8	38.8	83.4	183	221A	284	380	413	137	410	188	72.4	19
20	82.3	42.3	47.1	287	183A	288	387	398	130	230	244	77.1	20
21	80.8	46.1	44.8	310	180A	240	387	617	163	288	213	75.2	21
22	48.0	88.0	82.8	304	178A	283	333	818	188	308	180	74.8	22
23	48.0	83.3	72.8	170	178A	383	328	338	187	488	137	78.1	23
24	47.3	86.8	82.4	188	178A	487	314	300	188	378	134	81.8	24
25	42.8	83.4	88.3	188	180A	843	338	311	194	338	128	74.8	25
26	38.8	44.7	88.7	210	200A	887	381	314	208	241	113	81.0	26
27	40.8	47.4	82.4	182	234A	408	400	304	178	188	103	78.8	27
28	48.2	83.1	100	218	238A	313	381	280	188	148	100	83.8	28
29	47.7		88.2	252	261A	278	358	285	205	124	87.3	84.0	29
30	211		80.4	338	283A	338	388	302	227	108	84.1	84.8	30
31	284		72.8		418A		448	332		100		80.8	31
TOTAL	2 148.1	1 881.3	2 188.7	5 818.4	8 088	14 088	11 838	11 280	8 848	8 231.4	8 814.8	3 817.0	TOTAL
MEAN	88.3	88.8	88.7	187	383	478	372	384	218	201	217	128	MEAN
MAX	284	183	148	338	488	704	478	838	287	802	1 170	883	MAX
MIN	38.8	38.8	38.2	84.2	178	248	274	280	130	83.4	88.3	88.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 218
MAXIMUM DAILY, 1 170 ON NOV 10
MINIMUM DAILY, 38.2 ON MAR 4
MAXIMUM INSTANTANEOUS,
1 830 AT 03:31 PST ON NOV 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 47 40 N
LONG 123 12 00 W
DRAINAGE AREA, 2 230 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1987

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	188 000	JUL	888 000
FEB	136 000	AUG	876 000
MAR	187 000	SEP	686 000
APR	433 000	OCT	536 000
MAY	788 000	NOV	583 000
JUN	1 230 000	DEC	338 000

TOTAL DISCHARGE, 6 930 000 dam³

SQUAWK LAKE NEAR 141 MILE HOUSE - STATION NO. 08MC048

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	1.193	---	---	---	1
2	---	---	---	---	---	1.180	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	1.181	---	---	---	---	4
5	---	---	---	---	1.226	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	1.199	---	---	6
7	---	---	---	---	---	---	1.081	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	1.191	---	1.387	---	8
9	---	---	---	---	---	1.050	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	1.197	---	---	---	---	11
12	---	---	---	---	1.226	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	1.202	---	---	13
14	---	---	---	---	---	---	1.181	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	1.191	---	---	---	15
16	---	---	---	---	---	1.054	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	1.195	---	---	---	---	18
19	---	---	---	---	1.194	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	1.502	---	---	20
21	---	---	---	---	---	---	1.181	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	1.193	---	---	---	22
23	---	---	---	---	---	1.085	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	1.036	---	---	1.382	1.184	---	---	1.195	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	1.702	---	---	27
28	---	---	---	1.612	---	---	1.188	---	---	---	---	---	28
29	---		---	---	---	---	---	---	1.195	---	---	---	29
30	---		---	---	---	1.087	---	---	---	---	1.802	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 02 16 N
LONG 121 36 13 W
DATA CONTRIBUTED BY -
BC MINISTRY OF ENVIRONMENT

REGULATED SINCE 1967

DRAINAGE AREA,
81.4 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

ST. MARY RIVER AT WYCLIFFE - STATION NO. 08NE012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.600	9.200	7.000	10.7	84.9	138	112	35.3	43.1	15.4	16.6	19.9	1
2	9.400	7.800	8.600	10.7	111	214	103	34.0	40.6	15.3	16.4	19.6	2
3	9.420	8.600	8.650	10.5	130	260	94.2	34.6	43.4	15.1	16.1	19.9	3
4	9.650	7.100	8.600	10.4	130	285	87.7	33.1	41.6	14.7	16.4	22.0	4
5	10.0 S	7.600	8.750	10.6	140	285	87.1	30.7	40.7	14.6	16.4	25.6	5
6	9.650	7.600	7.200	11.2	178	313	87.6	28.0	42.4	14.1	17.8	24.1	6
7	9.600	7.950	7.700	12.2	248	341	87.2	26.6	39.6	13.7	16.6	22.0	7
8	9.450	8.050	7.950	13.0	288	299	85.6	28.7	38.2	13.8	16.1	21.6	8
9	9.200	8.100	7.900	13.3	275	261	79.0	28.8	37.0	13.2	16.1	21.4	9
10	9.000	8.100	8.200	13.1	263	253	76.8	40.4	34.6	13.0	61.0	19.89	10
11	8.960	8.080	9.700	13.6	266	224	78.7	39.3	32.6	13.5	116	16.88	11
12	8.950	8.050	9.800	14.3	226	220	75.6	33.3	30.2	14.5	94.0	16.68	12
13	8.860	8.000	9.550	15.6	171	236	63.9	33.6	28.3	17.3	68.9	16.28	13
14	8.200	7.900	9.600	18.3	140	263	57.6	34.1	26.6	20.4	56.6	15.69	14
15	8.650	7.750	9.400	27.0	123	270	52.1	33.1	24.9	18.8	46.2	16.38	15
16	8.550	7.700	9.000	40.2	120	271	59.1	32.3	23.6	18.2	42.4	15.6	16
17	8.950	7.750	8.600	42.1	124	238	62.8	31.1	22.6	18.8	38.6	14.88	17
18	10.0 S	7.600	8.600	40.7	128	178	74.3	30.6	22.6	18.0	36.6	14.88	18
19	9.800	7.650	8.500	40.1	118	181	85.7	28.3	21.8	18.6	34.6	14.88	19
20	9.400	7.900	8.000	59.0	105	142	84.8	26.6	21.0	18.4	33.6	14.68	20
21	9.250	7.950	9.800	81.2	96.1	123	86.4	27.8	20.1	19.6	34.6	14.09	21
22	9.000	7.950	10.3	98.1	93.1	110	82.7	41.2	19.6	22.0	33.6	13.38	22
23	7.200	7.930	10.1	95.6	95.6	109	86.0	50.8	18.7	23.0	30.1	13.68	23
24	6.880	7.900	9.77	83.2	98.4	115	90.0	48.9	18.6	28.8	28.6	14.48	24
25	7.200	7.800	10.0	73.8	93.7	124	48.3	47.8	18.8	28.1	28.6	15.89	25
26	8.100	7.880	10.2	88.2	87.6	137	43.4	90.4	17.8	26.9	26.9	16.38	26
27	8.800	7.900	10.6	84.7	86.5	186	41.7	72.8	17.0	26.2	24.1	16.28	27
28	8.050	7.400	10.9	80.3	89.7	137	41.4	73.8	16.6	23.6	24.1	16.18	28
29	8.200		10.9	89.6	86.0	114	40.8	86.7	16.2	22.4	23.6	17.38	29
30	8.700		10.7	88.6	84.9	111	37.8	86.8	15.7	21.2	21.6	17.28	30
31	10.2 S		10.8		87.1		36.7	47.8		20.1		17.78	31
TOTAL	283.19	219.40	278.57	1 168.8	4 418.1	5 037	2 230.8	1 239.8	834.7	568.6	1 063.4	541.8	TOTAL
MEAN	9.14	7.84	8.99	38.8	143	201	72.0	40.0	27.8	18.3	35.4	17.5	MEAN
MAX	10.2	9.20	10.8	98.1	288	341	112	73.8	43.4	28.1	116	25.6	MAX
MIN	6.88	6.80	8.60	10.4	84.9	109	36.7	26.8	15.7	13.0	17.8	13.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 61.8
MAXIMUM DAILY, 341 ON JUN 7
MINIMUM DAILY, 6.600 ON MAR 4
MAXIMUM INSTANTANEOUS,
361 AT 06:44 MST ON JUN 7

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 36 01 N
LONG 116 51 58 W
DRAINAGE AREA, 3 360 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	24 500	JUL	193 000
FEB	19 000	AUG	107 000
MAR	24 100	SEP	72 100
APR	103 000	OCT	49 100
MAY	382 000	NOV	91 900
JUN	522 000	DEC	46 800

TOTAL DISCHARGE, 1 830 000 dam³

ST. MARY RIVER BELOW MORRIS CREEK - STATION NO. 05NG077

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.348	1.258	0.9858	0.9408	14.0	31.5	15.8	4.85	4.78	1.77	3.32	2.308	1
2	1.338	1.028	0.9808	0.9358	18.8	40.4	16.2	4.80	5.23	1.76	3.01	2.368	2
3	1.388	1.048	0.9708	0.9208	18.6	38.9	13.8	4.80	5.80	1.88	2.76	2.438	3
4	1.378	1.088	0.9608	0.8008	17.7	38.7	13.6	4.84	6.34	1.83	2.71	2.528	4
5	1.388	1.128	0.9488	0.8358	20.8	38.4	14.3	3.90	7.71	1.98	2.88	2.828	5
6	1.378	1.138	1.04 B	0.8808	27.7	45.8	13.7	3.78	8.01	1.84	2.87	2.728	6
7	1.328	1.188	1.03 B	1.04 B	36.4	40.0	13.8	3.84	6.13	1.80	2.78	2.648	7
8	1.288	1.178	1.03 B	1.08 B	34.6	37.5	13.1	3.88	4.88	1.48	2.72	2.708	8
9	1.268	1.188	0.8988	1.16 B	33.6	39.7	11.7	8.77	4.44	1.41	5.85	2.538	9
10	1.288	1.168	1.02 B	1.23 B	36.2	32.7	12.1	6.40	3.99	1.58	28.1	2.408	10
11	1.278	1.138	1.06 B	1.31 B	33.1	33.2	11.5	4.80	3.70	2.03	20.1	2.158	11
12	1.268	1.128	1.06 B	1.63 B	24.7	33.8	11.7	3.81	3.80	3.82	12.7	2.038	12
13	1.268	1.108	1.07 B	2.11	19.6	35.6	14.7	4.28	3.38	3.81	8.41	2.068	13
14	1.278	1.088	1.08 B	3.04	16.8	40.0	13.8	4.01	3.24	3.82	6.03	2.088	14
15	1.288	1.068	1.08 B	5.82	18.8	37.7	13.6	4.30	3.10	2.84	7.07	2.078	15
16	1.278	1.078	1.01 B	8.01	17.8	34.7	12.4	3.77	2.85	2.89	8.65	2.028	16
17	1.268	1.078	0.9708	4.81	17.6	28.8	11.4	4.82	3.00	2.38	5.75	1.918	17
18	1.298	1.088	0.9508	4.88	17.8	21.8	8.98	3.58	2.84	2.37	5.52	1.888	18
19	1.288	1.088	0.9458	5.49	14.5	22.3	8.88	3.27	2.72	2.83	5.20	1.778	19
20	1.268	1.078	0.9358	8.08	13.0	18.7	9.67	3.24	2.84	3.04	5.008	1.878	20
21	1.278	1.088	0.9258	13.1	12.8	15.4	9.25	8.84	2.32A	4.98	4.708	1.838	21
22	1.168	1.108	0.9208	12.7	12.8	15.7	7.16	10.3	2.29	4.15	4.608	1.838	22
23	1.118	1.118	0.9108	10.3	13.3	16.1	6.26	9.02	2.22	3.84	4.208	1.878	23
24	1.128	1.128	0.9108	9.22	13.2	19.5	5.86	6.24	2.13	5.52	3.818	1.778	24
25	1.178	1.108	0.9108	8.15	12.4	20.9	5.52	5.80	2.07	4.24	3.808	1.808	25
26	1.228	1.078	0.9158	7.82	12.3	24.1	5.40	11.7	2.04	3.84	3.488	2.008	26
27	1.308	1.048	0.9308	7.14	12.2	23.6	5.58	8.89	1.88	3.78	3.108	2.008	27
28	1.328	1.028	0.9708	7.08	12.4	17.5	5.58	8.03	1.84	3.38	3.048	1.978	28
29	1.338		0.9858	8.15	12.1	17.0	5.04	6.68	1.88	3.08	3.008	2.028	29
30	1.368		0.9808	10.7	14.8	17.8	4.78	5.84	1.78	3.04	2.728	2.088	30
31	1.388		0.9308		20.9		4.82	4.82		2.88		2.078	31
TOTAL	38.78	30.78	30.383	149.890	598.2	872.8	320.19	171.10	108.86	89.80	178.42	66.46	TOTAL
MEAN	1.26	1.10	0.979	4.99	19.3	29.1	10.3	5.52	3.67	2.79	5.88	2.14	MEAN
MAX	1.39	1.25	1.08	13.1	36.4	45.8	16.8	11.7	7.71	5.52	28.1	2.82	MAX
MIN	1.11	1.02	0.910	0.800	12.1	16.4	4.78	3.24	1.78	1.41	2.88	1.83	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.26
MAXIMUM DAILY, 45.8 ON JUN 6
MINIMUM DAILY, 0.8008 ON APR 4
MAXIMUM INSTANTANEOUS,
63.5 AT 20:45 MST ON JUN 6

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 44 30 N
LONG 113 37 00 W
DRAINAGE AREA, 205 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 440	JUL	27 700
FEB	2 680	AUG	14 800
MAR	3 820	SEP	9 240
APR	12 900	OCT	7 480
MAY	51 600	NOV	15 200
JUN	78 400	DEC	6 740

TOTAL DISCHARGE, 239 000 dam³

ST. MARY RIVER NEAR MARYSVILLE - STATION NO. 05NC045

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.88	8.15	8.18	8.78	88.8	108 A	82.8	30.8	38.3	12.7	18.2	18.18	1
2	8.88	7.21	8.28	8.88	88.3	180	84.4	28.3	34.8	12.8	14.8	18.38	2
3	8.87	8.88	8.18	8.88	102	188	78.2	28.2	38.1	12.8	14.4	18.38	3
4	8.18	8.78	8.87	8.37	88.7	187	78.4	28.1	38.8	11.8	14.8	18.88	4
5	8.24	7.15	8.88	8.83	108	184	71.8	28.8	38.4	11.8	14.8	28.88	5
6	8.22	7.23	8.31	8.78	128	228	71.3	24.3	37.8	11.8	14.8	18.88	6
7	8.88	7.38	8.47	7.38	177	261	78.7	23.4	34.3	11.2	14.8	18.88	7
8	8.82	7.48	8.61	8.88	188	218	88.8	23.8	32.4	18.8	14.8	17.88	8
9	8.87	7.38	8.88	8.44	183	218	88.8	25.2	31.1	18.8	18.4	17.88	9
18	8.88	7.38	8.47	8.48	188	188	83.8	38.8	28.8	18.8	43.4	18.48	18
11	8.81	7.17	8.88	8.84	188	173	88.4	33.8	28.8	11.2	84.7	13.88	11
12	8.48	7.82	8.88	8.12	183	172	82.4	28.2	24.8	12.1	78.7	13.88	12
13	8.41	7.18	8.88	18.3	128	187	87.8	28.7	23.3	14.8	88.8	13.38	13
14	8.43	8.81	8.78	12.8	182	284	88.3	28.1	22.3	18.2	48.3	13.88	14
15	8.88	8.88	8.81	18.8	88.8	211	78.3	27.8	28.8	18.8	37.88	13.48	15
16	8.48	8.85	8.28	38.7	87.3	211	74.1	27.8	18.5	14.8	34.88	13.88	16
17	8.81	8.83	8.28	32.8	88.7	188	88.8	28.3	18.3	13.8	32.88	12.18	17
18	8.82	8.78	8.88	31.3	82.2	138	82.4	26.8	18.3	13.2	38.88	12.88	18
19	8.41	8.72	8.88	36.7	88.8	128	88.4	23.3	18.4	12.7	28.48	12.18	18
28	8.38	8.78	8.87	48.8	73.7	113	88.8	22.1	17.8	13.4	27.88	12.88	28
21	8.81	8.82	8.18	82.8	88.8	88.3	88.4	23.7	17.8	18.4	28.38	11.88	21
22	8.84	8.88	8.28	77.3	84.8	83.8	84.8	48.8	17.8	18.8	27.88	18.88	22
23	7.38	7.83	8.18	74.3	88.1	88.8	48.8	47.8	18.8	18.1	24.78	11.18	23
24	7.18	8.88	8.83	88.1	87.8	82.8	41.8	44.3	18.3	28.4	24.38	11.88	24
25	7.34	7.83	8.17	88.7	83.2	183	38.8	41.7	14.8	22.8	24.38	12.88	25
26	7.78	8.82	8.38	84.8	88.1	118	38.7	83.7	14.7	21.7	22.88	13.48	26
27	8.22	8.84	8.88	88.1	88.8	138	38.4	82.3	14.3	28.8	18.88	13.38	27
28	8.24	8.88	8.74	47.7	88.4A	118	38.4	81.8	13.8	18.1	18.88	13.28	28
29	8.82		8.82	47.3	88.8E	83.8	34.2	88.8	13.5	17.8	18.48	14.28	29
38	8.52		8.88	82.8	88.8E	82.4	33.2	47.7	13.2	18.7	18.88	14.18	38
31	8.78		8.84		88.8E		31.3	48.4		18.3		14.88	31
TOTAL	282.81	188.88	187.88	887.73	3 181.4	4 881.8	1 848.8	1 888.1	784.2	488.8	887.2	444.8	TOTAL
MEAN	8.48	7.82	8.37	28.8	182	188	88.8	34.4	23.8	14.8	28.8	14.3	MEAN
MAX	8.24	8.18	8.84	77.3	188	281	82.8	82.3	38.1	22.8	84.7	38.8	MAX
MIN	7.18	8.88	8.87	8.37	88.8	83.8	31.3	22.1	13.2	18.8	14.4	18.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 48.4
MAXIMUM DAILY, 281 ON JUN 7
MINIMUM DAILY, 8.37 ON MAR 38
MAXIMUM INSTANTANEOUS,
285 AT 11:18 MST ON JUN 7

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 38 38 N
LONG 118 18 87 W
DRAINAGE AREA, 1 488 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	23 888	JUL	188 888
FEB	17 888	AUG	82 188
MAR	17 188	SEP	48 888
APR	77 888	OCT	38 788
MAY	272 888	NOV	74 888
JUN	483 888	DEC	38 488

TOTAL DISCHARGE, 1 388 888 dam³

STAMP RIVER NEAR GREAT CENTRAL - STATION NO. 08HB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	44.8	58.1	38.4	88.5	88.0	84.7	87.4	33.8	18.4	20.5	88.6	89.5	1
2	43.8	57.4	34.8	88.7	88.2	70.8	78.3	33.0	14.8	21.7	83.5	78.7	2
3	47.1	54.9	34.8	88.8	88.8	68.8	74.0	33.0	14.4	25.3	80.3	114	3
4	51.8	53.8	34.5	88.8	87.7	74.4	24.3	14.3	25.4	80.1	167	4
5	52.1	50.7	36.8	89.3	71.8	89.3	71.7	24.9	14.3	25.4	88.9	163	5
6	50.8	48.5	35.8	83.8	75.7	80.5	80.1	24.8	14.3	25.1	87.2	140	6
7	48.3	46.2	35.0	71.8	77.8	80.5	37.9	24.3	14.1	25.4	86.4	131	7
8	47.8	44.1	27.8	72.8	76.0	84.3	37.8	24.4	13.8	26.0	81.1	130	8
9	47.1	42.3	28.5	71.3	77.8	82.8	36.8	23.8	13.8	24.7	103	122	9
10	46.4	40.7	34.0	71.3	78.7	80.8	36.8	23.7	13.4	24.2	141	112	10
11	43.7	38.0	38.8	88.9	72.4	80.4	35.4	23.5	13.2	24.6	135	102	11
12	45.3	37.4	80.4	88.1	81.4	43.8	35.8	22.6	13.7	25.1	123	93.0	12
13	50.2	35.8	84.2	89.0	84.8	48.0	34.8	21.6	13.8	26.2	118	78.4	13
14	48.1	35.0	84.2	72.5	82.8	88.8	31.5	20.6	13.6	25.1	104	85.2	14
15	46.8	33.3	83.1	78.8	81.4	82.0	28.1	21.1	18.4	23.8	84.8	81.4	15
16	51.2	27.2	82.2	77.4	43.8	41.8	28.1	17.5	21.7	23.8	83.1	87.8	16
17	86.0	32.2	81.3	76.1	41.1	38.4	28.7	18.0	21.3	24.1	88.0	84.1	17
18	80.0	33.4	80.0	73.8	41.3	41.2	28.6	16.8	21.4	24.3	83.6	81.2	18
19	88.2	33.8	48.2	73.6	33.3	40.2	23.2	16.4	24.7	47.1	83.2	48.6	19
20	87.7	23.8	42.4	103	27.8	41.2	24.4	14.8	23.0	86.3	84.8	48.1	20
21	87.0	24.8	38.8	132	26.4	38.8	24.8	14.7	21.8	72.3	70.4	46.0	21
22	86.8	35.1	41.3	124	28.1	38.4	30.8	14.8	21.8	88.2	85.3	43.1	22
23	48.2	46.0	41.4	101	30.4	38.7	24.7	14.2	21.3	128	85.3	42.8	23
24	43.8	47.4	41.1	85.0	30.1	40.2	25.0	13.8	20.8	148	85.8	41.8	24
25	42.4	47.3	40.8	73.3	28.8	37.8	28.8	16.7	21.7	140	84.3	40.8	25
26	41.8	48.1	40.8	75.7	28.0	38.0	20.7	18.8	21.8	147	82.8	39.8	26
27	36.8	44.8	44.0	74.8	31.8	38.8	22.3	17.8	22.1	138	81.1	41.2	27
28	30.8	43.2	47.8	88.8	32.8	38.3	22.0	17.3	22.1	123	80.8	37.4	28
29	33.0		48.3	82.8	34.4	38.0	22.8	16.7	21.8	111	81.3	38.3	29
30	42.1		48.7	84.1	37.0	48.7	19.3	16.2	21.1	100	81.1	38.3	30
31	86.8		51.5		44.7		21.1	15.8		90.1		36.9	31
TOTAL	1 480.8	1 130.1	1 276.7	2 284.8	1 883.9	1 478.0	1 128.8	804.2	540.2	1 833.5	2 280.8	2 280.8	TOTAL
MEAN	48.1	40.4	41.2	75.8	60.4	49.3	36.4	19.5	18.0	59.1	76.0	73.8	MEAN
MAX	80.0	58.1	84.2	132	78.0	89.8	78.4	24.9	24.7	148	141	167	MAX
MIN	30.8	22.2	34.5	88.8	28.8	38.8	18.3	13.9	13.2	20.8	88.4	38.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 49.0
MAXIMUM DAILY, 167 ON DEC 4
MINIMUM DAILY, 13.2 ON SEP 11
MAXIMUM INSTANTANEOUS,
181 AT 15:36 PST ON DEC 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 20 23 N
LONG 124 58 31 W
DRAINAGE AREA, 488 km²

REGULATED SINCE 1984

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	128 000	JUL	97 800
FEB	87 800	AUG	83 200
MAR	110 000	SEP	48 700
APR	198 000	OCT	158 000
MAY	138 000	NOV	197 000
JUN	128 000	DEC	198 000

TOTAL DISCHARGE, 1 550 000 dam³

STATION CREEK ABOVE DIVERSIONS - STATION NO. 08EE026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0518	0.0388	0.0348	0.0428	0.418	1.01	0.847	5.534	0.243	0.338	0.081	0.084	1
2	0.0508	0.0348	0.0348	0.0428	0.531	0.735	0.777	0.563	0.232	0.272	0.088	0.104	2
3	0.0488	0.0318	0.0348	0.0428	0.602	0.700	0.888	0.574	0.255	0.230	0.138	0.136	3
4	0.0488	0.0308	0.0348	0.0428	0.508	0.881	0.638	0.526	0.272	0.234	0.141	0.136	4
5	0.0478	0.0288	0.0348	0.0438	0.513	1.10	0.808	0.488	0.222	0.384	0.132	0.124	5
6	0.0448	0.0288	0.0348	0.0448	0.632	0.781	0.848	0.442	0.233	0.288	0.123	0.113	6
7	0.0448	0.0288	0.0348	0.0458	0.848	0.723	0.880	0.408	0.280	0.241	0.111	0.110	7
8	0.0448	0.0288	0.0348	0.0488	0.618	0.762	0.710	0.368	0.238	0.228	0.110	0.108	8
9	0.0468	0.0288	0.0348	0.0488	0.488	0.872	0.718	0.322	0.201	0.220	0.108	0.088	9
10	0.0478	0.0308	0.0348	0.0808	0.382	0.734	0.748	0.288	0.178	0.214	0.102	0.095	10
11	0.0528	0.0308	0.0348	0.0528	0.288	0.958	0.748	0.280	0.173	0.188	0.082	0.092	11
12	0.0578	0.0308	0.0348	0.0848	0.208	1.12	0.734	0.287	0.182	0.178	0.088	0.088	12
13	0.0588	0.0308	0.0348	0.080A	0.188	1.12	0.753	0.724	0.181	0.188	0.088	0.087	13
14	0.0558	0.0318	0.0348	0.062	0.201	1.18	0.703	0.701	0.184	0.148	0.083	0.088	14
15	0.0548	0.0318	0.0348	0.058	0.263	0.818	0.847	0.634	0.180	0.138	0.078	0.086	15
16	0.0548	0.0318	0.0348	0.055	0.358	0.431	0.638	0.518	0.158	0.124	0.088	0.084	16
17	0.0548	0.0318	0.0348	0.052	0.293	0.378	0.563	0.471	0.157	0.128	0.087	0.083	17
18	0.0548	0.0318	0.0348	0.051	0.244	0.380	0.578	0.447	0.163	0.130	0.298	0.078	18
19	0.0548	0.0328	0.0348	0.054	0.228	0.318	0.641	0.480	0.320	0.132	0.284	0.078	19
20	0.0548	0.0338	0.0348	0.078	0.188	0.302	0.618	0.484	0.834	0.183	0.200	0.078	20
21	0.0538	0.0348	0.0348	0.074	0.188	0.340	0.887	0.485	0.477	0.138	0.168	0.078	21
22	0.0528	0.0358	0.0358	0.068	0.198	0.383	0.885	0.441	0.388	0.128	0.102	0.074	22
23	0.0518	0.0368	0.0368	0.067	0.223	0.758	0.581	0.397	0.300	0.117	0.138	0.073	23
24	0.0518	0.0368	0.0368	0.076	0.252	0.982	0.538	0.378	0.233	0.113	0.128	0.078	24
25	0.0538	0.0368	0.0368	0.091	0.278	0.948	0.527	0.328	0.184	0.110	0.120	0.107	25
26	0.0588	0.0368	0.0368	0.122	0.260	0.784	0.515	0.295	0.162	0.115	0.122	0.120	26
27	0.0588	0.0368	0.0378	0.162	0.263	0.632	0.562	0.280	0.158	0.110	0.118	0.182	27
28	0.0548	0.0368	0.0408	0.188	0.268	0.488	0.551	0.262	0.188	0.102	0.100	0.134	28
29	0.0528		0.0418	0.208	0.814	0.518	0.527	0.278	0.884	0.098	0.086	0.118	29
30	0.0508		0.0418	0.322	1.07	0.884	0.504	0.278	0.847	0.087	0.098	0.110	30
31	0.0478		0.0428		1.21		0.542	0.288		0.094		0.107	31
TOTAL	1.588	0.901	1.091	2.462	12.671	21.308	18.843	13.105	7.906	5.291	3.788	3.113	TOTAL
MEAN	0.051	0.032	0.035	0.082	0.408	0.710	0.640	0.423	0.264	0.171	0.136	0.100	MEAN
MAX	0.057	0.038	0.042	0.322	1.21	1.18	0.847	0.724	0.858	0.384	0.298	0.182	MAX
MIN	0.044	0.029	0.034	0.042	0.188	0.302	0.504	0.269	0.157	0.094	0.078	0.073	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.338
MAXIMUM DAILY, 1.21 ON MAY 31
MINIMUM DAILY, 0.0288 ON FEB 5
MAXIMUM INSTANTANEOUS,
1.81 AT 02:28 PST ON JUN 14

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 12 49 N
LONG 127 34 03 W
DRAINAGE AREA, 10.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	137	JUL	1 710
FEB	77.8	AUG	1 130
MAR	94.3	SEP	883
APR	212	OCT	457
MAY	1 090	NOV	328
JUN	1 840	DEC	269

TOTAL DISCHARGE, 8 030 dam³

STAVE RIVER ABOVE STAVE LAKE - STATION NO. 08MH147

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.81	10.0 B	5.50E	18.0E	87.0	87.0	93.5	38.0	19.3	13.6	8.88	10.6	1
2	8.78	10.0 B	4.80E	15.5E	83.4	108	75.3	42.1	17.8	10.1	8.28	44.7	2
3	36.6	8.00B	4.50E	14.2E	88.3	108	74.3	40.2	16.3	8.48	26.0	177	3
4	28.7	7.00B	4.30E	16.0E	88.3	102	58.8	33.0	15.6	8.08	97.3	---	4
5	13.0	6.20B	4.80E	35.0E	88.4	108	44.8	33.3	15.4	7.88	38.3	89.6	5
6	9.31	5.80B	20.0 E	56.0E	85.6	97.6	40.4	33.6	15.3	8.40	48.7	40.6	6
7	7.37	5.20B	32.0 E	44.0E	85.0	91.6	41.6	34.4	16.2	8.80	32.6	32.6	7
8	6.82	4.80B	8.80A	37.0E	82.3	80.4	38.7	34.2	21.6	9.85	66.3	37.1	8
9	8.71	4.50B	13.4	28.0E	71.7	78.2	37.5	31.6	16.2	9.16	---	36.4	9
10	9.88	4.30B	43.0	31.0E	60.7	72.6	42.8	26.6	16.3	26.8	---	17.0	10
11	8.43	4.10B	42.6	32.8E	43.1	78.7	42.6	21.0	14.5	88.6	88.0	12.6	11
12	8.88	3.85B	34.3	36.0E	32.6	83.4	48.6	18.9	16.3	83.2	48.7	10.1	12
13	7.80	3.60B	21.6	42.0E	32.4	87.7	51.6	18.8	16.3	42.6	34.0	9.00	13
14	7.08	3.70B	13.6 A	51.3A	38.6	133	52.1	23.7	17.7	27.8	27.0	8.33	14
15	8.46	3.88B	11.0 E	61.1	46.7	84.1	52.0	21.6	17.0	16.4	22.6	7.88	15
16	14.4	3.70B	8.80E	38.6	54.6	86.2	46.0	24.7	20.2	11.4	20.8	7.03	16
17	20.0	3.60B	8.80E	33.8	58.3	82.6	51.8	24.1	18.3	9.24	19.8	8.54	17
18	12.4	4.00B	8.30E	45.2	64.1	84.1	44.4	26.8	12.0	44.6	22.4	8.77	18
19	9.61	4.60B	7.80E	46.6	53.6	84.6	44.0	28.6	10.6	38.4	68.1	8.82	19
20	8.28	5.00B	7.40E	63.6	27.4	47.3	39.0	29.7	10.7	34.8	116	8.38	20
21	8.57	7.00B	18.0 E	49.7	25.4	37.4	32.7	53.7	12.6	88.6	67.8	8.06	21
22	7.38	88.0 B	16.6 E	31.8	24.4	43.4	28.0	51.7	14.7	89.6	32.8	8.12	22
23	8.80B	40.0 E	13.0 E	26.2	25.4	60.2	29.7	32.4	15.2	130	31.7	8.41	23
24	8.20B	17.6 E	11.6 E	28.2	26.9	72.6	30.3	26.2	15.6	103	28.6	8.24	24
25	8.00B	12.0 E	17.6 E	38.1	24.2	80.6	33.6	26.4	16.1	42.7	23.1	8.88	25
26	4.48	8.50E	30.0 E	36.6	29.7	78.4	38.7	26.8	16.7	62.7	18.3	8.78	26
27	5.65	8.40E	26.0 E	41.2	40.8	80.4	37.2	26.2	13.6	28.7	16.7	8.88	27
28	6.25	7.25E	17.0 E	46.0	41.2	48.3	33.2	24.3	14.4	16.8	15.4	8.38	28
29	6.88		14.0 E	55.8	47.6	42.7	30.5	23.2	14.2	14.0	13.7	8.04	29
30	70.2		12.0 E	62.1	64.2	64.3	32.2	23.4	14.3	11.6	11.8	4.84	30
31	46.6		16.0 E		69.2		35.7	23.6		9.88		7.30	31
TOTAL	383.80	270.48	494.88	1 141.5	1 908.8	2 298.7	1 378.7	823.8	474.7	1 078.74	---	---	TOTAL
MEAN	12.7	9.66	16.0	38.1	48.7	76.7	44.5	26.8	15.8	34.8	---	---	MEAN
MAX	70.2	88.0	43.0	83.8	88.4	133	93.8	83.7	21.6	130	---	---	MAX
MIN	4.88	3.88	4.30	14.2	24.2	37.4	28.0	18.8	10.6	7.88	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 3.88B ON FEB 15

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 33 22 N
LONG 122 18 18 W
DRAINAGE AREA, 282 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	34 000	JUL	118 000
FEB	23 400	AUG	78 800
MAR	42 700	SEP	41 000
APR	98 800	OCT	93 300
MAY	130 000	NOV	---
JUN	189 000	DEC	---

STAWAMUS RIVER BELOW RAY CREEK - STATION NO. 08GA084

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.19 B	0.8308	0.8148	1.80	5.78	7.82	11.7	1.36	---	---	0.4818	1.22	1
2	1.04 B	0.6328	0.7308	1.46	5.74	8.08	8.06	1.06	0.481E	---	0.5388	4.87	2
3	3.88 B	0.3408	0.5308	1.31	6.83	6.87	5.82	1.01	---	---	5.86	16.6	3
4	3.76	0.3808	0.8848	1.40	6.81	6.11	4.28	0.901	---	---	10.4	33.2	4
5	3.07 B	0.3488	1.37	2.13	7.86	6.38	3.33	0.824	---	---	3.36	4.41	5
6	1.30 B	0.3408	2.72	4.88	8.80	6.83	3.87	0.778E	---	---	4.78	3.39	6
7	1.06 B	0.3308	1.39	5.00	8.88	6.43	3.04	0.784E	---	---	3.87	4.78	7
8	1.02 B	0.3228	1.13	3.78	7.85	6.31	2.87	0.751E	---	---	8.01	8.33	8
9	0.9618	0.3178	1.82	3.06	8.71	8.76	2.73	0.888E	---	---	53.7	3.03	9
10	0.8778	0.3128	8.48	3.17	8.01	6.80	2.72	0.888E	---	---	23.8	1.78	10
11	0.8588	0.3068	8.88	3.81	4.48	8.88	2.88	0.803E	---	1.80	8.36	1.34	11
12	1.08 B	0.3028	8.71	4.80	3.70	8.80	2.80	0.477E	---	2.43	3.17	1.20	12
13	1.38 B	0.3008	3.74	8.23	3.88	8.33	2.87	0.848E	---	1.38	2.32	1.07	13
14	1.03 B	0.2988	2.80	8.83	4.20	8.38	2.70	0.857E	---	1.48	1.78	1.01	14
15	0.9428	0.2848	1.78	8.38	8.08	8.08	2.40	0.716E	---	0.870	1.38	0.930	15
16	2.13 B	0.2818	1.38	8.08	8.40	4.08	2.28	0.848	---	0.713E	1.38	0.883	16
17	3.08	0.2818	1.21	4.33	8.78	4.30	3.40	0.888E	---	0.614E	1.43	0.803	17
18	1.88	0.2858	1.10	4.80	4.70	4.14	2.81	0.815E	---	4.80	1.88	0.780E	18
19	1.38	0.2888	1.01	8.01	3.83	4.26	1.88	0.882E	---	3.88	4.82	0.724E	19
20	1.28	0.3008	0.978	8.84	3.48	3.81	1.88	0.730E	---	8.12	7.08	0.708E	20
21	1.38	0.4508	1.88	8.13	3.27	3.33	1.33	2.88	---	18.8	4.81	0.885E	21
22	1.13	3.88 B	1.87	4.20	3.23	4.08	1.28	3.34	---	33.2	2.78	0.898E	22
23	1.01	8.22	1.24	3.74	3.81	4.88	1.25	1.48	---	38.3	4.04	0.788	23
24	0.978	2.83	1.18	4.03	3.88	8.02	1.24	0.964	---	13.2	2.93	0.808	24
25	0.932	1.88	1.28	4.82	3.51	4.88	1.24	0.900	---	8.13	2.18	0.744E	25
26	0.827	1.28	1.83	8.08	4.82	4.82	1.23	1.13	---	13.3	1.88	0.742E	26
27	1.07	1.14	2.83	4.88	8.38	3.88	1.18	0.728E	---	4.88	1.40	0.784E	27
28	0.868	1.04	2.04	8.48	4.82	3.88	1.08	0.838E	---	1.73	1.81	0.888E	28
29	1.47		1.88	8.38	8.23	3.71	1.02	0.478E	---	0.780	1.80	0.841E	28
30	10.8		1.88	8.82	8.80	8.83	1.02	0.438E	---	0.852E	1.33	0.821E	30
31	8.08		1.88		8.20		1.08	0.438E		0.812E		0.883	31
TOTAL	88.328	24.438	81.127	138.78	188.28	188.78	83.87	28.181	---	---	178.417	88.343	TOTAL
MEAN	1.81	0.873	1.87	4.83	8.38	8.83	2.70	0.908	---	---	5.88	2.85	MEAN
MAX	10.8	8.22	8.88	8.84	8.88	8.08	11.7	3.34	---	---	83.7	33.2	MAX
MIN	0.827	0.281	0.838	1.31	3.23	3.32	1.02	8.438	---	---	8.481	0.821	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 83.7 ON NOV 8

MAXIMUM INSTANTANEOUS,
84.8 AT 23:48 PST ON NOV 8

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 43 04 N
LONG 123 08 54 W
DRAINAGE AREA, 49.4 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 130	JUL	7 330
FEB	2 110	AUG	2 430
MAR	8 280	SEP	---
APR	11 700	OCT	---
MAY	16 400	NOV	14 700
JUN	14 800	DEC	7 630

STELLAKO RIVER AT GLENANNAN - STATION NO. 08JB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.48	6.80	6.28	6.18	13.1	46.8	33.5	22.8	15.4	9.07	6.73	6.52E	1
2	7.57	6.48	6.18	6.37	15.1	46.1	33.0	23.4	15.1	8.88	6.68	6.66E	2
3	7.60	6.52	6.11	6.32	17.1	45.7	32.8	23.4	14.1	8.82	6.83	6.62E	3
4	7.47	6.50	6.01	6.27	19.3	46.8	32.4	23.4	14.1	8.83	6.67	6.60E	4
5	7.48	6.38	6.17	6.31	21.8	46.1	32.2	21.8	13.8	9.02	6.68	6.64E	5
6	7.38	6.38	6.04	6.40	24.7	45.6	31.8	21.0	13.8	8.74	6.88	6.68E	6
7	7.13	6.38	5.98	6.42	27.0	45.0	31.4	20.3	13.0	8.78	6.84	6.73E	7
8	7.17	6.48	6.20	6.34	28.8	44.9	31.0	19.8	12.4	8.83	6.73	6.78E	8
9	7.34	6.57	6.20	6.37	32.4	44.4	30.8	19.8	12.1	8.84	6.82	6.63E	9
10	7.44	6.58	6.18	6.37	34.8	43.7	30.1	19.3	12.2	8.44	6.87	6.80E	10
11	7.40	6.68	6.34	6.34	38.2	43.4	29.8	19.2	12.3	8.27	6.88	7.00E	11
12	7.62	6.65	6.47	6.27	37.3	42.8	29.3	18.5	11.8	8.20	6.85	7.10E	12
13	7.38	6.64	6.48	6.34	38.8	41.8	28.7	18.3	11.8	8.01	6.87	7.32E	13
14	7.15	6.51	6.60	6.38	38.8	42.0	28.8	18.4	11.4	8.07	6.88	7.38E	14
15	7.26	6.38	6.60	6.34	40.6	41.7	28.2	18.6	11.3	7.81	6.34	7.58E	15
16	7.33	6.31	6.50	6.32	41.7	41.3	28.7	18.2	10.8	7.44	6.48	7.59E	16
17	7.38	6.38	6.50	6.38	42.3	39.6	28.4	17.7	10.8	7.47	6.48	7.60E	17
18	7.33	6.31	6.61	6.43	44.4	38.6	27.8	17.0	10.7	7.61	6.86	7.70E	18
19	7.10	6.28	6.52	6.50	46.4	38.6	27.5	17.0	11.0	7.38	6.86	7.62E	19
20	7.18	6.34	6.43	6.58	46.6	38.3	27.9	16.9	11.0	7.34	6.86	7.84E	20
21	7.17	6.30	6.47	6.62	45.6	37.6	27.5	16.7	10.7	7.38	6.83	8.08E	21
22	7.10	6.38	6.63	7.22	45.6	37.4	26.9	17.6	10.3	7.36	6.84	8.20E	22
23	6.83	6.58	6.63	7.44	45.4	36.6	26.3	17.9	10.0	7.18	6.78	8.36E	23
24	6.88	6.60	6.48	7.76	45.6	36.4	25.3	17.6	9.78	7.32	6.78	8.68E	24
25	6.82	6.61	6.48	8.04	46.3	36.2	24.1	16.9	9.69	7.25	6.77	8.78E	25
26	6.88	6.48	6.34	8.46	46.3	36.0	23.9	16.1	9.78	7.32	6.78A	8.80E	26
27	6.84	6.38	6.30	9.05	46.1	36.1	24.0	16.8	9.66	7.27	6.72E	9.05E	27
28	6.86	6.36	6.38	10.0	46.0	34.8	24.1	15.0	9.38	7.08	6.64E	9.00E	28
29	7.06		6.32	10.8	45.8	34.2	24.8	15.3	9.45	6.86	6.57E	8.86E	29
30	6.81		6.33	11.9	45.8	34.0	24.0	15.3	9.43	6.86	6.52E	8.90E	30
31	6.82		6.33		45.6		23.4	15.8		6.73		8.88E	31
TOTAL	223.14	180.31	188.83	214.60	1 155.1	1 220.6	882.8	573.7	345.85	244.03	200.11	237.80	TOTAL
MEAN	7.30	6.44	6.35	7.15	37.3	40.7	28.5	18.5	11.8	7.87	6.67	7.67	MEAN
MAX	7.62	6.80	6.85	11.9	46.8	46.8	33.5	23.4	15.4	9.07	6.93	9.05	MAX
MIN	6.81	6.28	5.98	6.18	13.1	34.0	23.4	15.0	9.38	6.73	6.34	6.52	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.5
MAXIMUM DAILY, 46.8 ON MAY 24
MINIMUM DAILY, 5.98 ON MAR 7
MAXIMUM INSTANTANEOUS,
50.1 AT 17:20 PST ON MAY 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 00 33 N
LONG 125 00 18 W
DRAINAGE AREA, 3 600 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	19 300	JUL	76 300
FEB	15 600	AUG	49 500
MAR	17 000	SEP	30 000
APR	18 500	OCT	21 100
MAY	99 500	NOV	17 300
JUN	105 000	DEC	20 500

TOTAL DISCHARGE, 480 000 dam³

STIKINE RIVER ABOVE BUTTERFLY CREEK - STATION NO. 08CF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1348	1008	88.0B	1238	736	2 870	1 620	1 540	712	616	276	1868	1
2	1328	1028	100 B	1228	844	2 870	1 480	1 530	672	577	292	2108	2
3	1308	1068	103 B	1228	1 070	2 440	1 510	1 480	701	788	347	2088	3
4	1348	1108	105 B	1218	1 200	2 470	1 730	1 310	788	857	347	2038	4
5	1088	1138	106 B	1208	1 380	2 610	1 820	1 210	734	710	328	1928	5
6	1018	1148	108 B	1218	1 680	2 740	1 770	1 180	772	821	313	1808	6
7	1018	1168	108 B	1238	1 800	2 380	1 880	1 180	680	838	280	1708	7
8	1038	1188	100 B	1258	1 880	2 170	1 870	1 180	682	816	272	1808	8
9	1078	1148	88.0B	1288	2 060	2 100	1 850	1 040	787	817	247	1638	9
10	1138	1138	87.0B	1338	1 980	2 110	1 870	1 020	735	891	226	1728	10
11	1188	1138	87.0B	1388	1 730	2 080	2 020	1 140	682	850	170	1948	11
12	1178	1148	88.0B	1408	1 630	2 080	2 010	1 340	680	818	140	2158	12
13	1188	1138	88.0B	1418	1 380	2 180	1 880	1 440	818	678	1038	2148	13
14	1148	1128	100 B	1438	1 280	2 280	1 810	1 440	687	683	1138	2038	14
15	1178	1108	100 B	1488	1 310	2 220	1 850	1 380	683	632	1308	1948	15
16	1208	1068	101 B	1478	1 450	1 830	1 440	1 380	641	378	1488	1808	16
17	1248	1048	101 B	1518	1 440	1 820	1 320	1 340	386	357	1705	1668	17
18	1288	1038	101 B	1588	1 330	1 480	1 370	1 300	365	378	1688	1458	18
19	1318	1028	103 B	1688A	1 240	1 330	1 410	1 280	389	382	1828	1878	19
20	1338	1038	105 B	188	1 180	1 270	1 610	1 180	488	378	1828	1738	20
21	1378	1048	107 B	178	1 180	1 270	1 480	1 180	885	383	1838	1888	21
22	1388	1068	109 B	188	1 280	1 270	1 490	1 180	878	348	1828	2208	22
23	1398	1088	112 B	218	1 280	1 310	1 880	1 180	1 080	328	1788	2458	23
24	1388	1098	112 B	238	1 310	1 610	1 880	1 180	932	320	1728	2508	24
25	1488	1088	111 B	288	1 310	1 710	1 440	1 040	808	312	1838	2408	25
26	1488	1088	111 B	281	1 380	1 680	1 330	880	788	307	2008	2328	26
27	1488	1088	113 B	328	1 440	1 650	1 270	873	734	302	2158	1888	27
28	1408	1018	114 B	380	1 650	1 610	1 300	858	824	281	2248	1878	28
29	1318		116 B	480	1 810	1 440	1 430	938	808	274	2178	1618	29
30	1198		116 B	588	2 280	1 410	1 470	880	808	271	2028	1788	30
31	1038		121 B		2 870		1 490	781		277		1808	31
TOTAL	3 830	3 031	3 288.0	5 871	48 872	57 840	48 840	35 885	20 481	14 288	5 424	6 008	TOTAL
MEAN	123	108	106	196	1 680	1 930	1 810	1 180	882	481	214	184	MEAN
MAX	148	115	121	588	2 870	2 870	2 020	1 540	1 080	857	347	250	MAX
MIN	101	100	87.0	130	728	1 270	1 270	781	388	271	103	160	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 885
MAXIMUM DAILY, 2 870 ON JUN 1
MINIMUM DAILY, 87.0B ON MAR 10
MAXIMUM INSTANTANEOUS,
2 900 AT 00:50 PST ON JUN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 39 10 N
LONG 131 48 00 W
DRAINAGE AREA, 38 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	330 000	JUL	4 310 000
FEB	282 000	AUG	3 190 000
MAR	282 000	SEP	1 770 000
APR	507 000	OCT	1 240 000
MAY	3 870 000	NOV	555 000
JUN	5 000 000	DEC	518 000

TOTAL DISCHARGE, 21 900 000 dam³

STIKINE RIVER ABOVE GRAND CANYON - STATION NO. 08CB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	77.0B	55.5B	47.0B	40.5B	3308	1 320	887	613	377	382	122	84.0B	1
2	75.0B	56.1B	47.5B	40.5B	3408	1 340	904	580	376	367	131	82.0B	2
3	73.0B	57.0B	47.5B	40.5B	475	1 140	717	548	361	356	135	80.0B	3
4	69.0B	57.5B	47.5B	40.0B	548	1 180	930	504	371	351	136	86.0B	4
5	66.0B	57.5B	47.5B	40.0B	557	1 390	881	504	365	352	133	86.0B	5
6	65.0B	57.0B	47.0B	38.5B	738	1 280	893	511	354	378	124	84.0B	6
7	66.0B	56.5B	46.0B	38.0B	782	1 120	921	515	356	364	113	80.0B	7
8	67.0B	57.0B	45.0B	38.0B	840	1 040	873	494	363	380	104	80.0B	8
9	68.5B	57.5B	44.0B	38.0B	883	1 080	806	457	338	354	82.1	76.5B	9
10	68.5B	58.0B	43.0B	38.0B	834	1 080	828	447	320	358	89.9	81.0B	10
11	69.5B	57.5B	42.0B	38.0B	737	1 080	784	473	310	385	80.0B	86.0B	11
12	68.5B	56.0B	41.5B	38.0B	833	1 110	743	518	304	342	88.0B	81.0B	12
13	68.0B	54.0B	41.0B	38.5B	845	1 200	705	487	193	329	86.0B	82.0B	13
14	69.0B	52.0B	40.5B	38.5B	802	1 240	675	488	183	318	72.0B	82.0B	14
15	70.0B	50.5B	40.5B	40.0B	822	1 170	841	484	173	193	76.0B	80.0B	15
16	70.5B	49.0B	40.0B	40.5B	887	863	872	452	186	184	84.0B	81.0B	16
17	72.0B	48.5B	40.0B	41.0B	884	763	830	452	181	170	82.0B	75.0B	17
18	73.0B	48.0B	40.0B	41.2B	841	877	847	443	183	185	83.0B	88.0B	18
19	74.0B	48.0B	40.0B	41.5B	806	838	884	431	184	183	81.0B	85.0B	19
20	73.5B	48.0B	40.5B	43.0B	495	808	802	408	188	177	86.0B	83.0B	20
21	73.0B	48.5B	40.5B	44.5B	463	822	810	415	254	171	81.0B	85.0B	21
22	73.0B	48.5B	41.0B	46.0B	489	824	864	432	331	185	83.0B	71.0B	22
23	73.5B	48.5B	41.0B	48.0B	488	838	729	426	346	188	80.0B	81.0B	23
24	74.5B	48.0B	40.5B	52.0B	485	734	880	424	327	148	77.0B	86.0B	24
25	74.0B	47.5B	40.0B	58.0B	503	788	585	405	288	144	77.0B	87.0B	25
26	76.5B	47.0B	40.0B	82.0B	532	787	845	378	288	149	84.0B	88.0B	26
27	76.0B	46.5B	40.0B	70.0B	881	718	823	353	247	142	86.0B	86.0B	27
28	73.0B	46.5B	40.0B	80.0B	800	863	848	334	235	124	86.0B	80.0B	28
29	87.0B		40.0B	126 B	734	588	877	318	233	124	83.0B	76.0B	29
30	82.0B		40.5B	185 B	1 070	685	880	308	282	134	85.0B	80.0B	30
31	86.0B		40.5B		1 260		887	289		127		82.0B	31
TOTAL	2 187.5	1 462.1	1 312.0	1 880.7	19 157	27 881	20 885	13 848	7 177	8 318	2 878.0	2 882.5	TOTAL
MEAN	70.5	52.2	42.3	52.0	818	933	877	447	239	204	95.8	82.7	MEAN
MAX	77.0	58.0	47.5	185	1 260	1 320	921	613	346	382	136	86.0	MAX
MIN	66.0	46.5	40.0	38.0	230	685	623	289	183	127	88.0	83.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 384
MAXIMUM DAILY, 1 380 ON JUN 5
MINIMUM DAILY, 38.0B ON APR 7
MAXIMUM INSTANTANEOUS,
1 480 AT 18:53 PST ON JUN 5

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 02 36 N
LONG 129 56 46 W
DRAINAGE AREA, 18 800 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	169 000	JUL 1 610 000	
FEB	126 000	AUG 1 200 000	
MAR	113 000	SEP 620 000	
APR	136 000	OCT 548 000	
MAY 1	680 000	NOV 246 000	
JUN 2	420 000	DEC 221 000	

TOTAL DISCHARGE, 9 280 000 dam³

STIKINE RIVER AT TELEGRAPH CREEK - STATION NO. 08CE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	101 B	71.0B	66.5B	73.0B	536	1 880	782	788	367	386	193	1408	1
2	100 B	72.0B	70.0B	73.0B	661	1 760	801	784	352	343	188	1858	2
3	96.0B	76.0B	71.0B	73.0B	782	1 820	872	722	340	330	210	1678	3
4	91.0B	77.5B	71.5B	73.0B	878	1 840	1 190	685	338	378	214	183	4
5	86.0B	78.0B	71.0B	73.0B	1 020	1 850	1 120	652	344	388	214	158	5
6	84.0B	78.0B	70.5B	73.5B	1 180	1 780	1 040	683	330	388	205	182	6
7	84.0B	78.0B	69.0B	74.0B	1 300	1 550	1 130	680	328	351	187	141	7
8	86.0B	77.5B	68.5B	74.5B	1 400	1 430	1 110	683	338	347	174	126	8
9	88.0B	77.5B	68.0B	74.5B	1 470	1 410	1 020	613	317	342	153	126	9
10	89.0B	78.0B	68.0B	74.5B	1 400	1 410	1 030	583	303	343	139	134	10
11	90.0B	78.0B	68.0B	74.5B	1 070	1 380	1 020	592	282	346	122	148	11
12	90.0B	78.0B	68.5B	74.0B	1 000	1 410	863	858	274	334	98.5	184	12
13	90.0B	78.0B	69.0B	74.0B	929	1 510	878	840	264	321	84.8B	171	13
14	90.0B	78.0B	70.0B	74.0B	888	1 580	873	808	263	308	86.3B	168	14
15	91.0B	78.0B	70.5B	74.5B	833	1 520	835	890	244	288	100 B	168	15
16	92.0B	73.0B	71.0B	75.0B	1 050	1 300	783	880	231	284	114 B	143	16
17	93.0B	70.5B	71.0B	76.0B	1 030	1 050	880	874	224	243	121 B	134	17
18	96.0B	70.0B	71.5B	77.0B	943	928	784	870	217	265	144 B	128	18
19	97.0B	70.0B	71.5B	78.5B	883	880	727	852	230	287	165 B	127	19
20	98.0B	70.0B	71.0B	83.0B	848	834	776	825	264	259	160 B	126	20
21	95.0B	70.5B	70.5B	87.0B	880	834	818	821	288	283	141 B	144	21
22	95.5B	71.0B	70.5B	94.0B	884	838	806	864	381	248	140 B	188	22
23	97.0B	71.5B	70.5B	110 B	907	851	1 080	848	430	238	140 B	187	23
24	98.0B	72.0B	70.5B	130 B	918	850	873	847	418	229	130 B	184	24
25	102 B	72.0B	70.5B	165 B	928	1 040	865	825	376	229	136 B	184	25
26	103 B	71.0B	70.5B	185 B	881	1 010	772	493	343	227	150 B	184	26
27	100 B	70.0B	71.0B	220 B	1 020	883	718	458	321	220	166 B	148	27
28	96.0B	69.0B	72.0B	256	1 100	882	711	433	288	205	178 B	144	28
29	92.0B		72.5B	310	1 270	818	761	416	280	197	185 B	138	29
30	90.0B		73.0B	431	1 880	781	787	388	334	204	148 B	127	30
31	73.0B		73.5B		1 880		768	378		207		124	31
TOTAL	2 881.5	2 071.1	2 184.0	3 478.0	32 881	37 783	27 440	17 881	9 310	8 887	4 528.7	4 818	TOTAL
MEAN	93.3	74.0	70.5	116	1 060	1 260	885	880	310	287	181	148	MEAN
MAX	103	78.0	73.5	431	1 880	1 880	1 130	708	430	388	214	184	MAX
MIN	73.0	88.0	88.0	73.0	838	781	880	378	217	187	84.8	126	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 421
MAXIMUM DAILY, 1 880 ON JUN 1
MINIMUM DAILY, 84.8B ON NOV 13
MAXIMUM INSTANTANEOUS,
1 880 AT 02:30 PST ON JUN 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 54 03 N
LONG 131 09 18 W
DRAINAGE AREA, 29 300 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	247 000	JUL 2 270 000	
FEB	178 000	AUG 1 880 000	
MAR	188 000	SEP 804 000	
APR	300 000	OCT 788 000	
MAY 2	830 000	NOV 381 000	
JUN 3	270 000	DEC 388 000	

TOTAL DISCHARGE, 13 300 000 dam³

STIKINE RIVER BELOW SPATSIZI RIVER - STATION NO. 08CA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.3B	17.1B	16.2B	19.0B	70.0B	825	227	233	108	135	49.4	26.5B	1
2	21.1B	17.5B	16.2B	19.1B	110 B	877	232	218	111	121	50.4	27.6B	2
3	20.0B	16.1B	15.6B	19.2B	191	838	284	201	108	113	51.9	28.1B	3
4	19.0B	16.1B	15.6B	19.3B	230	841	373	188	107	121	52.7	30.3B	4
5	17.0B	15.0B	15.9B	19.6B	302	885	340	189	108	127	53.1	39.8B	5
6	16.5B	17.7B	15.7B	19.7B	326	588	362	187	102	122	52.8	29.0B	6
7	16.3B	17.4B	15.4B	19.8B	353	511	388	208	98.5	117	45.8	27.2B	7
8	16.2B	17.0B	15.0B	20.0B	368	487	354	197	98.5	115	38.9	25.0B	8
9	16.3B	17.0B	14.8B	20.1B	387	488	320	160	91.0	113	34.0B	23.5B	9
10	16.4B	17.0B	14.4B	20.2B	371	488	321	183	85.6	118	28.0B	26.0B	10
11	16.5B	17.0B	14.4B	20.3B	325	487	303	187	82.2	118	25.0B	26.2B	11
12	16.6B	16.8B	14.5B	20.5B	277	505	275	204	79.7	110	23.0B	27.3B	12
13	17.0B	16.2B	14.7B	21.0B	238	542	254	194	77.3	104	23.3B	27.8B	13
14	16.9B	15.5B	15.0B	21.2B	221	561	250	185	74.4	98.4	24.4B	27.8B	14
15	16.8B	14.8B	15.2B	21.5B	233	505	243	185	72.1	95.4	26.0B	27.3B	15
16	17.1B	14.7B	15.4B	21.8B	273	403	218	175	70.2	71.7	26.0B	26.2B	16
17	17.6B	14.6B	15.5B	22.1B	287	326	202	174	68.6	75.6	29.7B	24.2B	17
18	16.4B	14.6B	15.0B	22.5B	237	285	205	175	66.8	75.7	30.5B	22.1B	18
19	16.6B	14.7B	15.0B	23.0B	224	276	217	185	71.0	75.6	30.0B	21.0B	19
20	16.7B	14.9B	15.0B	23.5B	219	286	231	188	81.4	78.6	29.1B	20.3B	20
21	16.5B	15.2B	16.2B	23.8B	214	272	239	186	87.2	79.2	30.3B	21.3B	21
22	16.6B	15.7B	16.6B	24.2B	303	270	231	186	124	77.7	30.4B	22.2B	22
23	16.8B	15.9B	17.0B	24.7B	300	278	248	158	127	76.3	29.0B	23.1B	23
24	18.2B	16.0B	17.4B	25.1B	208	307	226	160	118	85.6	26.4B	24.0B	24
25	20.1B	16.1B	17.9B	25.0B	220	327	204	185	107	83.4	26.0B	24.6B	25
26	21.0B	16.0B	18.1B	27.0B	231	318	190	143	98.1	70.4	27.3B	24.4B	26
27	21.0B	15.6B	18.2B	28.6B	240	288	180	133	93.8	66.0	28.2B	23.6B	27
28	20.7B	15.6B	18.3B	32.0B	264	254	168	138	80.6	64.3	31.0B	22.0B	28
29	19.6B		18.5B	36.0B	385	230	206	118	103	63.9	30.7B	21.4B	29
30	18.3B		18.6B	46.0B	537	229	214	113	138	66.6	26.8B	21.7B	30
31	17.2B		18.8B		615		211	109		62.5		22.0B	31
TOTAL	588.2	464.8	500.3	708.6	8 620.0	12 374	7 942	5 338	2 868.7	3 002.1	1 014.5	773.6	TOTAL
MEAN	18.3	16.2	16.1	23.6	278	412	256	172	95.2	80.4	33.6	25.0	MEAN
MAX	21.3	18.1	18.8	46.0	615	885	388	233	138	83.1	53.1	30.3	MAX
MIN	16.2	14.6	14.4	19.0	70.0	229	180	109	85.8	62.9	23.0	20.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 130
MAXIMUM DAILY, 885 ON JUN 5
MINIMUM DAILY, 14.4B ON MAR 16
MAXIMUM INSTANTANEOUS,
870 AT 04:53 PST ON JUN 5

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 43 53 N
LONG 128 08 30 W
DRAINAGE AREA, 7 890 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	49 100	JUL	686 000
FEB	38 300	AUG	461 000
MAR	43 200	SEP	247 000
APR	81 200	OCT	242 000
MAY	738 000	NOV	87 700
JUN	1 070 000	DEC	66 800

TOTAL DISCHARGE, 3 780 000 dam³

STIKINE RIVER NEAR WRANGELL - STATION NO. 08CF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4118	4428	1808	1858	1 840E	5 800E	3 820	4 020	2 080	1 870	758	4428	1
2	4048	4258	1678	2048	1 950E	5 520E	3 620	3 980	1 910	1 660	1 270	4678	2
3	4058	4068	1648	2158	2 270E	4 880E	3 940	3 850	2 150	2 280	1 780	5488	3
4	4028	3918	1618	2278	2 830E	5 380E	4 110	3 740	3 260	3 230	1 750	7088	4
5	3898	3748	1788	2488	3 400E	5 880E	3 980	3 480	2 840	2 880	1 400	6508	5
6	3968	3628	1788	2558	3 280E	5 240E	3 980	3 110	2 800	2 180	1 180	8088	6
7	3948	3458	1738	2528	4 250E	4 730E	3 880	3 080	2 530	2 840	983	8108	7
8	3918	3348	1708	2488	4 870E	4 330	4 300	3 050	2 780	2 920	928	857	8
9	3888	3368	1678	2528	4 810E	4 220	4 020	2 890	2 880	2 720	804	886	9
10	3858	3178	1648	2618	4 260E	4 180	4 730	2 820	2 340	2 700	725	878	10
11	3888	3088	1618	2698	3 680E	4 180	5 040	2 780	2 180	2 180	8978	783	11
12	3828	3008	1598	2808	3 240E	4 280	5 350	3 370	2 140	1 770	8718	897	12
13	3838	2938	1588	2948	2 970E	4 480	5 490	3 790	1 980	1 800	8488	818	13
14	3798	2838	1838	3118	2 830E	4 780	5 100	3 910	1 800	1 320	8288	820	14
15	3778	2788	1808	3288	2 970E	4 840	4 530	3 740	1 820	1 180	8088	831	15
16	3778	2688	1478	3488	3 110E	4 380	4 050	3 540	1 410	1 000	8958	883	16
17	3748	2588	1448	3778	2 830E	3 880	3 850	3 850	1 210	1 090	8238	836	17
18	3748	2488	1448	4118	2 520E	3 630	3 850	3 850	1 050	1 340	7708	483	18
19	3718	2448	1448	478	2 360E	3 480	3 710	3 370	1 300	1 180	7538	447	19
20	3688	2388	1478	513	2 290E	3 080	3 820	3 400	2 020	1 080	7228	382	20
21	3658	2328	1478	550	2 480E	2 920	3 790	3 870	2 880	1 010	7118	4258	21
22	3628	2278	1508	609	2 780E	2 870	3 800	3 230	3 080	912	8818	8238	22
23	3628	2218	1508	657	3 080E	3 080	3 880	3 110	3 430	827	8518	8508	23
24	3628	2158	1638	881	3 170E	3 430	3 740	2 870	2 170	773	8898	1 1308	24
25	4118	2108	1688	728	3 170E	3 990	3 880	2 810	2 820	813	8328	1 4208	25
26	4478	2048	1588	770	3 230E	4 020	3 480	2 720	2 470	782	4838	1 8808	26
27	4818	1988	1648	881	3 400E	3 820	3 450	2 780	2 430	711	4848	1 2708	27
28	4888	1938	1708	8818	3 880E	3 710	3 570	2 790	2 190	874	4878	988	28
29	4818		1788	1 180E	4 250E	3 880	3 850	2 780	2 420	888	4788	783	29
30	4788		1818	1 360E	5 880E	3 880	3 850	2 820	2 230	882	4738	708	30
31	4888		1878		5 800E		3 940	2 380		840		841	31
TOTAL	12 450	8 138	5 098	14 387	102 800	128 430	128 100	100 780	69 880	48 882	33 889	22 837	TOTAL
MEAN	402	281	183	480	3 320	4 210	4 070	3 250	2 300	1 510	785	730	MEAN
MAX	488	442	190	1 360	5 800	5 800	5 480	4 020	3 430	3 230	1 780	1 880	MAX
MIN	382	193	144	198	1 840	2 920	3 450	2 380	1 050	840	473	382	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 800
MAXIMUM DAILY, 5 800E ON MAY 31
MINIMUM DAILY, 1448 ON MAR 17
MAXIMUM INSTANTANEOUS,
5 950 ON JUN 1

SUMMARY FOR THE YEAR 1989

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 42 07 N
LONG 132 08 28 W
DRAINAGE AREA, 51 800 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 080 000	JUL	10 900 000
FEB	703 000	AUG	6 700 000
MAR	438 000	SEP	5 950 000
APR	1 240 000	OCT	4 050 000
MAY	8 880 000	NOV	2 080 000
JUN	10 800 000	DEC	1 980 000

TOTAL DISCHARGE, 58 800 000 dam³

STITT CREEK AT THE MOUTH - STATION NO. 08ND018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.37 B	0.720B	0.810B	0.787	7.16	15.3	18.8	18.2	8.94	3.41	2.22	1.78	1
2	1.36 B	0.880B	0.850B	0.747	8.78	17.7	14.8	15.7	8.87	3.06	2.16	1.78	2
3	1.32 B	0.830B	0.700B	0.806	8.88	18.4	13.8	19.3	8.52	2.88	2.16	1.85	3
4	1.25 B	0.800B	0.780B	0.781	8.51	20.3	14.0	14.5	7.05	2.98	2.25	1.84	4
5	1.20 B	0.880B	0.780B	0.730	8.30	23.7	13.7	14.1	6.91	3.04	2.20	1.80	5
6	1.00 B	0.880B	0.748B	0.787	11.4	24.2	14.0	14.8	5.47	2.78	2.18	1.72	6
7	0.770B	0.800B	0.730B	0.811	12.0	21.1	15.2	14.8	5.85	2.84	2.10	1.86	7
8	0.800B	0.820B	0.730B	0.798	11.7	20.8	15.0	14.8	5.48	2.85	2.06	1.72	8
9	0.900B	0.840B	0.780B	0.828	12.8	23.2	14.0	14.9	5.03	2.84	3.13	1.74	9
10	0.850B	0.880B	0.800B	0.883	14.0	21.0	15.9	13.8	4.85	3.18	4.47	1.83	10
11	0.960B	0.870B	0.830B	1.18	11.7	22.0	19.1	12.8	5.03	3.91	3.47	1.808	11
12	0.830B	0.880B	0.852	1.34	8.71	25.5	18.8	13.5	5.84	3.76	2.99	1.308	12
13	0.870B	0.700B	0.885	1.50	7.77	27.2	22.1	14.8	6.13	3.48	2.73	1.488	13
14	0.890B	0.700B	0.803	1.97	7.88	34.0	22.8	13.7	8.34	3.18	2.81	1.80	14
15	1.01 B	0.710B	0.814	3.08	8.03	30.4	28.3	14.8	8.91	3.00	2.42	1.58	15
16	1.04 B	0.730B	0.748	2.85	8.87	22.2	22.2	11.6	8.13	2.88	2.41	1.48	16
17	1.05 B	0.735B	0.740B	2.88	8.85	17.8	18.8	9.43	4.77	2.78	2.33	1.408	17
18	1.04 B	0.740B	0.730B	2.78	8.08	16.2	18.2	8.40	4.03	2.82	2.30	1.308	18
19	1.01 B	0.745B	0.710B	3.08	7.16	17.2	16.8	10.2	3.83	2.82	2.38	1.278	19
20	0.980B	0.780B	0.720B	3.21	8.33	13.8	23.7	12.2	3.78	2.88	3.34	1.228	20
21	0.860B	0.785B	0.760B	3.59	8.03	13.1	19.4	17.7	3.81	3.01	2.18	1.208	21
22	0.810B	0.780B	0.784	3.48	8.93	14.2	15.4	14.8	4.20	2.98	2.00	1.288	22
23	0.880B	0.700B	0.793	3.44	8.40	15.8	13.6	10.8	4.41	2.91	2.108	1.408	23
24	0.780B	0.870B	0.823	3.44	8.53	16.2	13.8	9.61	4.38	3.14	2.108	1.588	24
25	0.740B	0.880B	0.773	3.81	8.47	16.1	13.8	8.78	4.43	2.98	2.088	1.508	25
26	0.740B	0.870B	0.788	3.80	8.80	18.8	16.1	8.41	4.82	2.80	2.008	1.488	26
27	0.760B	0.830B	0.756	4.05	8.78	18.8	17.2	7.82	4.87	2.71	1.958	1.478	27
28	0.770B	0.840B	0.763	4.46	7.40	13.0	17.0	7.40	4.73	2.81	1.908	1.488	28
29	0.780B		0.818	5.27	8.80	14.0	18.3	7.25	4.81	2.38	1.858	1.458	29
30	0.760B		0.788	5.40	10.8	15.8	17.1	8.88	4.32	2.44	1.80	1.438	30
31	0.774B		0.778		13.0		17.8	8.88		2.38		1.418	31
TOTAL	39.784	19.018	23.888	73.130	285.38	588.8	533.8	381.38	185.87	88.83	70.90	48.81	TOTAL
MEAN	0.881	0.678	0.784	2.44	8.88	19.7	17.2	12.3	5.18	3.08	2.38	1.51	MEAN
MAX	1.37	0.785	0.885	5.40	14.0	38.0	28.3	19.3	7.05	5.18	4.47	1.84	MAX
MIN	0.740	0.680	0.810	0.730	5.83	13.0	13.8	8.88	3.78	2.38	1.80	1.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.28
MAXIMUM DAILY, 38.0 ON JUN 14
MINIMUM DAILY, 0.680B ON FEB 5
MAXIMUM INSTANTANEOUS,
41.2 AT 12:00 PST ON JUN 14

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 37 53 N
LONG 119 06 50 W
DRAINAGE AREA, 139 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 570	JUL	48 100
FEB	1 640	AUG	32 800
MAR	2 060	SEP	13 400
APR	5 320	OCT	6 290
MAY	22 800	NOV	5 130
JUN	50 900	DEC	4 040

TOTAL DISCHARGE, 197 000 dam³

STODDART CREEK AT OUTLET OF CHARLIE LAKE - STATION NO. 07FC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0 B	0B	0 B	0.0208	0.887	0.187	0.138	0.088	0.228	0.887	0.0048	0.0108	1
2	0 B	0B	0 B	0.0158	0.801	0.181	0.137	0.082	0.285	0.728	0.0088	0.0048	2
3	0 B	0B	0 B	0.0148	0.813	0.130	0.137	0.082	0.285	0.739	0.0128	0.0028	3
4	0 B	0B	0 B	0.0288	0.787	0.128	0.134	0.083	0.073	0.844	0.0228	0 B	4
5	0 B	0B	0 B	0.0308	0.441	0.141	0.111	0.037	0.188	0.742	0.0208	0 B	5
6	0 B	0B	0 B	0.0288	0.428	0.172	0.140	0.033	0.202	0.721	0.0188	0 B	6
7	0 B	0B	0 B	0.0288	0.422	0.108	0.143	0.030	0.267	0.887	0.0108	0 B	7
8	0 B	0B	0 B	0.0388	0.428	0.088	0.078	0.024	0.288	0.878	0.0048	0 B	8
9	0 B	0B	0 B	0.0458	0.828	0.080	0	0.038	0.247	0.824	0.0028	0 B	9
10	0 B	0B	0 B	0.0808	0.844	0.038	0.018	0.030	0.233	0.848	0.0018	0 B	10
11	0.0048	0B	0 B	0.0858	0.803	0.038	0.073	0.088	0.184	0.842	0.0018	0 B	11
12	0.0108	0B	0 B	0.1108	0.581	0.028	0.138	0.087	0.181	0.444	0.0018	0 B	12
13	0 B	0B	0 B	0.1068	0.563	0.008	0.188	0.077	0.183	0.488	0 B	0.0018	13
14	0 B	0B	0 B	0.0988	0.568	0.003	0.178	0.183	0.188	0.447	0 B	0.0088	14
15	0 B	0B	0 B	0.0688	0.581	0.008	0.185	0.310	0.280	0.483	0 B	0.0098	15
16	0 B	0B	0 B	0.0808	0.845	0.001	0.028	0.377	0.308	0.387	0 B	0.0048	16
17	0 B	0B	0 B	0.1008	0.651	0.018	0	0.378	0.314	0.383	0.0018	0.0028	17
18	0 B	0B	0 B	0.1388	0.588	0.058	0.008	0.111	0.232	0.3408	0.0068	0 B	18
19	0 B	0B	0 B	0.1308	0.277	0.078	0.041	0.338	0.113	0.3448	0.0108	0 B	19
20	0.0088	0B	0 B	0.1288	0.381	0.088	0.072	0.168	0.104	0.3208	0.0088	0 B	20
21	0 B	0B	0 B	0.728	0.218	0.088	0.087	0.488	0.118	0.2808	0.0028	0 B	21
22	0 B	0B	0.0048	0.612	0.008	0.172	0.110	1.14	0.182	0.2658	0 B	0 B	22
23	0 B	0B	0.0088	0.576	0.001	0.202	0.110	1.02	0.825	0.2258	0 B	0.0028	23
24	0 B	0B	0.0038	0.883	0	0.181	0.141	1.02	0.812	0.2008	0 B	0.0108	24
25	0.0028	0B	0 B	0.886	0	0.183	0.143	1.78	0.838	0.1488	0 B	0.0188	25
26	0.0208	0B	0 B	1.06	0	0.138	0.127	1.77	0.818	0.0808	0 B	0.0248	26
27	0.2238	0B	0 B	0.988	0	0.143	0.150	1.78	0.838	0.0808	0 B	0.0288	27
28	7.0078	0B	0 B	0.834	0.007	0.112	0.132	1.78	0.802	0.0408	0 B	0.0268	28
29	0 B		0.0108	0.808	0.210	0.123	0.137	1.66	0.886	0.0448	0.0028	0.0208	29
30	0 B		0.0188	0.828	0.285	0.122	0.118	0.388	1.03	0.0388	0.0088	0.0148	30
31	0 B		0.0228		0.322		0.088	0.288		0.0188		0.0128	31
TOTAL	0.078	0	0.084	10.810	12.472	3.887	3.250	18.883	8.478	12.888	0.134	0.181	TOTAL
MEAN	0.002	0	0.002	0.350	0.402	0.087	0.105	0.828	0.318	0.408	0.004	0.008	MEAN
MAX	0.023	0	0.032	1.06	0.813	0.202	0.178	1.78	1.02	0.887	0.032	0.028	MAX
MIN	0	0	0	0.014	0	0.001	0	0.028	0.073	0.018	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.187
MAXIMUM DAILY, 1.78 ON AUG 26
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
1.87 AT 15:33 PST ON AUG 25

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 18 38 N
LONG 120 58 51 W
DRAINAGE AREA, 388 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8.48	JUL	281
FEB	0	AUG	1 440
MAR	5.83	SEP	618
APR	906	OCT	1 980
MAY	1 080	NOV	11.8
JUN	280	DEC	18.5

TOTAL DISCHARGE, 8 810 dam³

STUART LAKE NEAR FORT ST. JAMES - STATION NO. 08JE003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1.971	2.478	---	---	1.937	---	1.436	1.422	1
2	1.578	---	---	---	---	2.513	---	2.307	---	1.600	---	---	2
3	---	---	---	---	1.900	---	2.881	---	---	---	1.432	---	3
4	---	---	---	---	1.837	---	---	2.281	1.925	1.560	---	1.454	4
5	1.565	1.474	---	---	1.851	2.542	2.821	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	1.434	1.440	6
7	1.550	---	---	---	---	2.593	2.831	---	1.851	---	---	---	7
8	---	---	---	---	1.788	---	---	---	1.831	1.542	---	1.459	8
9	---	---	---	---	---	2.614	---	2.221	---	---	1.400	---	9
10	1.558	---	---	---	1.812	---	2.597	---	---	1.562	1.455	---	10
11	---	---	---	1.359	---	---	---	2.185	1.787	---	---	1.450	11
12	---	1.451	---	---	1.876	2.635	2.591	---	---	1.548	---	1.458	12
13	---	---	---	---	---	---	---	---	---	---	1.426	1.464	13
14	---	---	1.375	---	1.948	---	2.585	2.149	1.793	---	---	---	14
15	1.540	1.448	---	---	1.988	2.686	---	---	1.758	---	1.374	1.462	15
16	---	---	---	---	2.028	2.688	---	2.131	---	1.494	---	---	16
17	---	---	---	---	2.108	---	2.541	2.122	---	---	1.440	---	17
18	---	---	---	---	---	---	---	2.085	1.726	1.480	---	1.444	18
19	---	1.435	---	---	2.172	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	2.513	---	1.684	---	1.430	1.466	20
21	1.514	---	---	---	---	2.712	2.497	2.073	---	1.488	---	---	21
22	---	---	---	---	---	---	---	---	1.676	---	1.428	1.470	22
23	---	---	---	---	2.263	2.717	---	---	---	1.470	---	---	23
24	---	---	---	1.442	2.298	---	2.447	2.061	---	1.376	1.428	---	24
25	---	---	---	1.481	---	---	---	2.014	1.680	1.444	---	---	25
26	---	---	---	1.474	2.348	2.714	---	---	---	---	1.424	1.486	26
27	1.502	---	---	1.488	---	2.684	2.423	---	1.632	1.480	---	1.510	27
28	---	---	---	1.504	---	---	2.391	1.987	---	---	---	---	28
29	---		---	---	2.402	2.692	---	---	---	---	1.380	---	29
30	---		---	---	---	2.666	---	1.949	1.610	1.440	---	1.490	30
31	---		---		---		2.341	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 27 00 N
LONG 124 18 00 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

STUART RIVER NEAR FORT ST. JAMES - STATION NO. 08JE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	53.5E	45.5E	41.5E	34.2	85.8	182	217	184	108	86.2	42.1	43.0	1
2	53.0E	46.7E	41.2E	34.0	88.0	183	217	184	104	85.8	42.4	43.1	2
3	53.5E	46.2E	40.8E	34.0	71.1	188	217	185	103	83.9	43.3	43.9	3
4	51.8E	47.8E	40.2E	34.0	74.8	188	214	188	104	83.4	44.1	44.0	4
5	51.2E	47.4E	39.9E	33.7	76.3	200	212	186	102	83.3	43.9	45.0	5
6	50.8E	47.0E	39.7E	34.1	83.1	206	211	184	97.8	80.7	42.4	45.9	6
7	50.0E	46.8E	39.5E	35.0	86.5	208	209	182	98.4	81.5	42.1	44.7	7
8	50.3E	46.2E	39.3E	34.9	91.1	208	208	181	95.3	80.5	43.0	45.4	8
9	50.8E	45.8E	39.1E	34.4	96.8	211	208	167	93.8	80.5	43.0	45.2	9
10	50.0A	45.4E	38.9E	34.3	100	211	208	148	92.4	80.9	46.1	44.1	10
11	57.3	46.0E	38.8E	34.8	106	213	208	144	91.1	80.5	43.4	45.7	11
12	56.2	44.8E	38.8E	34.9	109	219	203	143	90.8	80.2	42.4	45.4	12
13	56.8	44.2E	38.7E	35.2	113	217	203	140	90.6	83.0	41.8	45.2	13
14	55.6	43.8A	38.7A	35.9	117	221	201	139	89.3	84.9	46.3	46.1	14
15	55.2	43.7A	38.3	36.6	122	221	199	139	88.4	91.4	38.9	45.5	15
16	55.1	43.4E	38.3	37.0	127	220	185	137	83.6	49.3	40.5	45.5	16
17	54.8A	43.1E	37.4	36.9	131	218	184	133	82.6	47.7	40.1	45.1	17
18	53.8E	42.8E	37.2	36.6	136	220	183	131	80.8	48.9	41.0	45.3	18
19	53.2E	42.6E	36.9	36.9	142	224	183	130	80.8	48.7	44.6	44.1	19
20	53.1E	42.4E	36.7	41.3	146	226	180	128	78.0	47.3	43.4	44.6	20
21	52.8E	42.2E	36.7	44.0	149	221	166	127	77.3	47.3	42.9	46.9	21
22	51.2E	42.0E	36.6	45.2	154	222	164	126	76.2	46.7	42.1	46.2	22
23	50.6E	42.0E	36.1	46.5	158	222	162	124	74.0	47.1	42.4	45.7	23
24	50.0E	42.0E	36.2	46.4	163	222	160	124	73.0	47.1	42.5	45.5	24
25	50.2E	42.0E	35.8	51.0	166	222	177	121	71.7	46.1	42.2	47.5	25
26	50.6E	42.0E	35.7	52.3	169	223	175	120	71.3	45.7	42.3	48.9	26
27	50.6E	42.0E	36.1	54.4	174	222	173	116	69.9	47.4	39.6	51.2	27
28	50.0E	41.8E	36.3	56.4	178	220	172	115	68.6	44.8	41.7	50.9	28
29	50.0E		36.2	58.1	180	218	171	113	68.6	42.7	40.9	50.5	29
30	50.5E		34.7	61.9	185	217	167	112	68.9	46.0	43.2	50.8	30
31	50.0E		34.5		189		166	111		42.7		51.6	31
TOTAL	1 717.6	1 244.3	1 172.9	1 233.8	3 925.1	6 432	6 032	4 232	2 877.3	1 836.7	1 276.5	1 436.1	TOTAL
MEAN	55.4	44.4	37.8	41.1	127	214	195	137	95.9	59.8	42.6	46.3	MEAN
MAX	53.5	46.8	41.5	61.9	189	226	217	185	109	86.2	46.3	51.6	MAX
MIN	50.0	41.8	34.5	33.7	85.8	182	166	111	68.6	42.7	38.9	43.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 99.2
MAXIMUM DAILY, 226 ON JUN 20
MINIMUM DAILY, 33.7 ON APR 9
MAXIMUM INSTANTANEOUS,
241 AT 14:32 PST ON JUN 19

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 25 05 N
LONG 124 18 30 W
DRAINAGE AREA, 14 600 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	148 000	JUL	521 000
FEB	108 000	AUG	365 000
MAR	101 000	SEP	223 000
APR	107 000	OCT	141 000
MAY	338 000	NOV	110 000
JUN	556 000	DEC	124 000

TOTAL DISCHARGE, 2 840 000 dam³

SUGAR LAKE RESERVOIR AT THE OUTLET - STATION NO. 08LC041

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.123	7.185	5.050	4.201	4.283	4.930	8.798	10.288	10.088	8.323	8.001	10.185	1
2	8.085	7.091	4.985	4.182	4.444	5.306	8.880	10.238	10.092	8.300	8.803	10.142	2
3	8.052	6.988	4.914	4.125	4.588	5.852	8.925	10.288	10.105	8.277	8.001	10.138	3
4	8.014	6.909	4.855	4.093	4.704	6.888	8.983	10.243	10.111	8.261	8.048	10.134	4
5	8.898	6.818	4.788	4.072	4.830	8.248	8.984	10.277	10.118	8.237	8.083	10.137	5
6	8.910	8.730	4.724	4.053	4.921	6.593	8.984	10.285	10.118	8.203	8.118	10.137	6
7	8.843	8.647	4.663	4.037	5.302	6.888	8.984	10.228	10.112	8.175	8.184	10.138	7
8	8.781	8.558	4.608	4.011	5.802	7.130	8.992	10.208	10.093	8.155	8.189	10.138	8
9	8.724	8.472	4.557	3.988	6.483	7.337	8.018	10.181	10.075	8.128	8.253	10.137	9
10	8.674	8.388	4.513	3.956	6.141	7.611	8.037	10.171	10.082	8.101	8.419	10.127	10
11	8.625	8.289	4.471	4.031	8.383	7.820	9.105	10.167	10.027	8.081	8.878	10.113	11
12	8.588	8.215	4.431	4.071	8.498	7.708	9.141	10.135	9.987	8.082	8.888	10.101	12
13	8.614	8.132	4.412	4.103	8.485	7.631	9.274	10.118	9.888	8.075	8.824	10.083	13
14	8.481	8.044	4.388	4.117	8.377	8.026	9.404	10.087	9.832	8.081	10.075	10.082	14
15	8.408	8.888	4.374	4.184	8.288	8.428	9.880	10.101	9.888	8.083	10.132	10.071	15
16	8.385	8.804	4.341	4.302	8.188	8.718	9.728	10.107	9.888	8.048	10.174	10.081	16
17	8.317	8.832	4.300	4.408	8.080	8.822	9.886	10.118	9.811	8.033	10.188	10.048	17
18	8.257	8.773	4.288	4.444	5.988	8.805	9.887	10.112	9.770	8.014	10.210	10.027	18
19	8.189	8.704	4.240	4.458	5.910	8.752	10.089	10.109	9.726	8.001	10.219	9.986	19
20	8.120	8.643	4.202	4.485	5.782	8.700	10.182	10.098	9.687	8.881	10.229	9.978	20
21	8.061	8.575	4.171	4.504	5.649	8.629	10.242	10.092	9.640	8.988	10.244	9.948	21
22	7.981	8.507	4.144	4.588	5.478	8.552	10.278	10.134	9.587	8.881	10.243	9.928	22
23	7.818	8.437	4.124	4.881	5.327	8.511	10.280	10.188	9.551	8.868	10.235	9.888	23
24	7.640	8.378	4.128	4.552	5.223	8.550	10.283	10.170	9.503	8.874	10.238	9.885	24
25	7.787	8.312	4.138	4.489	5.114	8.888	10.288	10.188	9.458	8.888	10.228	9.837	25
26	7.702	8.246	4.182	4.382	4.988	8.832	10.278	10.185	9.418	8.887	10.218	9.807	26
27	7.630	8.188	4.188	4.321	4.888	8.708	10.274	10.183	9.388	8.888	10.208	9.778	27
28	7.831	8.121	4.181	4.244	4.783	8.741	10.278	10.142	9.388	8.851	10.188	9.743	28
29	7.480		4.211	4.187	4.717	8.747	10.283	10.130	9.388	8.831	10.184	9.713	29
30	7.388		4.222	4.201	4.888	8.748	10.278	10.114	9.347	8.811	10.171	9.881	30
31	7.283		4.227		4.784		10.271	10.087		8.812		9.880	31
MEAN	8.307	8.074	4.418	4.248	5.428	7.782	9.843	10.181	9.810	8.080	8.806	8.883	MEAN
MAX	8.123	7.185	5.050	4.581	8.498	8.822	10.283	10.283	10.118	8.323	10.244	10.185	MAX
MIN	7.383	8.121	4.124	3.988	4.283	4.930	8.798	10.082	9.347	8.868	8.883	9.880	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MEAN, 7.811
MAXIMUM DAILY, 10.293 ON JUL 24
MINIMUM DAILY, 3.988 ON APR 8
MAXIMUM INSTANTANEOUS,
10.311 AT 15:43 PST ON JUL 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 21 26 N
LONG 116 32 13 W

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUKUNKA RIVER NEAR THE MOUTH - STATION NO. 07FB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.8 B	8.488	5.808	5.858	182	288	86.8	18.8	23.8	23.4	30.8	32.8	1
2	12.8 B	8.808	5.828	5.808	188	281	85.4	18.8	22.2	30.8	28.2	31.8	2
3	12.7 B	8.668	6.028	5.858	186	218	78.9	18.3	20.7	18.8	31.2	83.8	3
4	12.5 B	8.868	6.038	5.898	208	210	72.8	18.3	19.8	18.8	88.4	88.1	4
5	12.3 B	8.708	8.838	8.008	238	228	88.4	18.8	18.8	18.8	81.1	82.8	5
6	11.4 B	8.718	8.008	8.108	284	218	88.2	17.8	19.8	18.8	48.8	43.8 B	6
7	11.2 B	8.708	8.088	8.488	287	188	88.4	18.8	18.3	18.4	48.3	38.8 B	7
8	11.1 B	8.708	8.028	8.488	288	186	87.1	18.4	17.8	17.7	38.3	33.8 B	8
9	11.2 B	8.718	8.888	7.488	242	188	87.1	18.7	17.8	17.4	38.4	31.8 B	9
10	11.3 B	8.738	8.788	8.008	244	238	88.2	18.8	18.8	18.2	87.3	17.4 B	10
11	11.4 B	8.788	8.888	8.488	211	188	87.3	28.1	18.3	31.1	88.88	28.4 B	11
12	11.8 B	8.748	8.788	10.8 B	224	173	82.8	24.3	18.4	21.7	48.88	28.8 B	12
13	11.4 B	8.888	8.888	11.8 B	171	184	47.8	28.3	13.8	28.8	38.88	31.8 B	13
14	10.8 B	8.388	8.858	12.1 B	188	188	44.8	26.4	13.8	31.1	38.88	28.4 B	14
15	10.8 B	8.288	8.888	14.8 B	178	188	42.4	33.7	12.8	18.8	28.88	28.1 B	15
16	10.8 B	8.858	8.858	17.2 B	188	128	88.7	48.8	12.8	18.8	38.88	17.1 B	16
17	10.7 B	8.858	8.888	18.8 B	183	181	37.4	42.3	12.4	17.8	31.88	18.8 B	17
18	10.8 B	8.288	8.458	22.8 B	183	88.8	34.8	48.1	12.3	18.1	43.8	18.8 B	18
19	11.8 B	8.388	8.888	28.8 B	138	77.8	33.1	38.2	12.2	82.7	288	8.888	19
20	11.8 B	8.488	8.788	28.8 B	127	88.3	32.4	33.8	13.8	87.7	182	8.488	20
21	10.8 B	8.418	8.888	31.8	118	88.4	38.8	38.8	18.8	48.8	188	18.8 B	21
22	10.2 B	8.428	8.888	42.3	186	83.8	27.8	38.3	17.8	44.8	88.4	18.8 B	22
23	8.858	8.488	8.828	48.8	84.8	83.7	28.8	38.8	18.8	43.8	88.88	17.8 B	23
24	10.8 B	8.478	8.888	43.8	81.1	84.7	28.8	42.7	18.8	38.8	38.88	18.8 B	24
25	10.3 B	8.388	8.858	48.3	87.3	83.3	24.3	41.8	13.8	38.8	48.88	34.8 B	25
26	11.1 B	8.188	8.888	88.1	112	77.4	22.8	38.7	13.1	88.8	48.88	33.8 B	26
27	11.3 B	8.858	8.808	84.8	117	178	21.8	38.7	12.4	88.8	44.88	33.4 B	27
28	11.2 B	8.888	8.488	78.3	118	281	20.8	32.8	11.8	47.3	42.88	31.8 B	28
29	10.8 B		8.858	108	124	148	20.2	30.8	11.7	41.2	38.88	38.2 B	29
30	7.408		8.728	128	188	118	18.8	27.8	18.17	37.8	38.88	38.2 B	30
31	8.888		8.888		333		18.3	25.7		33.7		18.2 B	31
TOTAL	337.85	180.12	178.84	891.48	5 844.4	4 818.1	1 372.2	873.3	488.8	885.8	1 848.3	778.88	TOTAL
MEAN	10.8	8.43	5.78	28.7	188	161	44.3	28.2	16.7	31.1	84.8	25.1	MEAN
MAX	12.8	8.78	8.85	138	387	288	88.8	42.7	33.8	82.7	288	88.1	MAX
MIN	8.88	8.88	5.45	5.85	81.1	82.3	18.3	18.7	11.7	17.8	28.8	8.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1988

MEAN, 48.8
MAXIMUM DAILY, 387 ON MAY 7
MINIMUM DAILY, 5.488 ON MAR 18
MAXIMUM INSTANTANEOUS,
378 AT 08:38 PST ON MAY 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 32 34 N
LONG 131 37 38 W
DRAINAGE AREA, 3 510 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	20 200	JUL	110 000
FEB	15 600	AUG	78 800
MAR	15 800	SEP	40 800
APR	77 000	OCT	83 400
MAY	505 000	NOV	142 000
JUN	390 000	DEC	67 200

TOTAL DISCHARGE, 1 880 000 dam³

SULLIVAN CREEK NEAR CANYON - STATION NO. 08NH116

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.013	0.0108	0.0088	0.012	0.128	0.188	0.065	0.030	0.023	0.018	0.017	0.018	1
2	0.013	0.0088	0.0078	0.011	0.142	0.182	0.063	0.031	0.023	0.018	0.018	0.018	2
3	0.014	0.0088	0.0078	0.011	0.138	0.177	0.048	0.031	0.023	0.018	0.018	0.017	3
4	0.017	0.0078	0.0088	0.011	0.138	0.180	0.048	0.030	0.022	0.017	0.022	0.031	4
5	0.014	0.0078	0.0108	0.018	0.148	0.177	0.047	0.028	0.021	0.018	0.018	0.034	5
6	0.013	0.0088	0.0138	0.024	0.172	0.161	0.045	0.028	0.021	0.017	0.018	0.028	6
7	0.014	0.0088	0.017	0.034	0.188	0.180	0.044	0.027	0.021	0.018	0.018	0.023	7
8	0.013	0.0088	0.017	0.033	0.198	0.161	0.044	0.026	0.020	0.017	0.017	0.022	8
9	0.013	0.0088	0.017	0.029	0.208	0.148	0.044	0.042	0.019	0.017	0.026	0.021	9
10	0.013	0.0088	0.018	0.027	0.228	0.144	0.045	0.033	0.019	0.018	0.041	0.017	10
11	0.013	0.0088	0.018	0.028	0.207	0.128	0.043	0.026	0.019	0.017	0.047	0.018	11
12	0.013	0.0108	0.017	0.028	0.184	0.118	0.041	0.027	0.018	0.018	0.037	0.018	12
13	0.013	0.0108	0.018	0.038	0.167	0.115	0.048	0.028	0.017	0.020	0.028	0.018	13
14	0.012	0.0108	0.018	0.051	0.152	0.110	0.038	0.028	0.017	0.024	0.024	0.018	14
15	0.012	0.0088	0.014	0.080	0.148	0.107	0.038	0.029	0.017	0.019	0.019	0.018	15
16	0.011	0.0088	0.012	0.081	0.143	0.105	0.037	0.027	0.017	0.019	0.020	0.018	16
17	0.011	0.0088	0.011	0.076	0.145	0.097	0.037	0.028	0.017	0.018	0.021	0.018	17
18	0.012	0.0088	0.008	0.083	0.189	0.090	0.039A	0.026	0.017	0.018	0.020	0.017	18
19	0.012	0.0088	0.008	0.110	0.188	0.088	0.037A	0.025	0.017	0.017	0.020	0.018	19
20	0.012	0.0108	0.007	0.142	0.167	0.077	0.038	0.024	0.017	0.020	0.022	0.018	20
21	0.011	0.0108	0.008	0.208	0.138	0.078	0.038	0.028	0.018	0.023	0.023	0.018	21
22	0.011	0.0108	0.010	0.203	0.128	0.076	0.037	0.027	0.017	0.025	0.020	0.018	22
23	0.011	0.0118	0.010	0.181	0.137	0.088	0.036	0.025	0.018	0.023	0.019	0.013	23
24	0.013	0.0108	0.010	0.140	0.122	0.086	0.038	0.038	0.018	0.028	0.019	0.014	24
25	0.013	0.0108	0.010	0.127	0.122	0.086	0.035	0.028	0.019	0.021	0.019	0.018	25
26	0.012	0.0108	0.011	0.113	0.114	0.081	0.034	0.038	0.019	0.020	0.018	0.014	26
27	0.011	0.0088	0.012	0.103	0.151	0.087	0.034	0.032	0.019	0.020	0.018	0.018	27
28	0.011	0.0088	0.012	0.093	0.168	0.084	0.032	0.030	0.018	0.018	0.018	0.018	28
29	0.011		0.012	0.086	0.174	0.081	0.032	0.027	0.019	0.018	0.017	0.018	29
30	0.012		0.011	0.107	0.187	0.086	0.031	0.026	0.017	0.018	0.018	0.018	30
31	0.012		0.011		0.188		0.030	0.024		0.018		0.018	31
TOTAL	0.386	0.264	0.388	2.267	4.806	3.334	1.243	0.902	0.585	0.586	0.652	0.557	TOTAL
MEAN	0.012	0.009	0.012	0.076	0.156	0.111	0.040	0.029	0.019	0.019	0.022	0.018	MEAN
MAX	0.017	0.011	0.018	0.208	0.228	0.188	0.065	0.042	0.023	0.028	0.047	0.034	MAX
MIN	0.011	0.007	0.007	0.011	0.114	0.068	0.030	0.024	0.018	0.018	0.018	0.013	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.044
MAXIMUM DAILY, 0.228 ON MAY 10
MINIMUM DAILY, 0.0078 ON FEB 4
MAXIMUM INSTANTANEOUS,
0.232 AT 09:31 MST ON MAY 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 06 14 N
LONG 118 25 36 W
DRAINAGE AREA, 8.22 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	33.4	JUL	107
FEB	21.8	AUG	77.8
MAR	31.8	SEP	48.8
APR	196	OCT	80.5
MAY	424	NOV	66.3
JUN	288	DEC	48.1

TOTAL DISCHARGE, 1 380 dam³

SUMAS RIVER NEAR HUNTINGDON - STATION NO. 08MH028

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.24	6.908	3.908	7.12	2.67	3.06	1.57	0.760	1.08	0.830	1.14	3.01	1
2	5.76	5.208	3.308	7.30	2.64	2.78	1.57	0.820	1.04	0.808	1.10	3.02	2
3	6.88	4.208	3.088	7.35	2.48	2.55	1.50	0.812	1.04	0.588	1.67	4.88	3
4	9.88	3.008	2.888	8.78	2.38	2.36	1.43	0.810	1.02	0.581	4.84	8.87	4
5	9.03	3.208	3.11	9.83	2.32	2.25	1.37	0.783	0.994	0.580	7.14	13.0	5
6	8.88	3.108	4.25	13.2	2.30	2.18	1.32	0.805	0.973	0.586	5.19	12.8	6
7	6.26	3.008	5.08	11.2	2.28	2.09	1.32	0.809	0.947	0.646	6.46	11.8	7
8	4.36	2.958	4.71	9.78	2.19	2.04	1.30	0.788	0.906	0.632	6.38	11.4	8
9	4.24	2.858	4.92	7.01	2.12	2.00	1.27	0.818	0.868	0.580	7.84	11.1	9
10	5.38	2.788	5.20	5.83	2.11	1.98	1.26	0.808	0.836	0.828	31.7	9.88	10
11	5.89	2.708	5.38	5.13	2.06	1.93	1.22	0.735	0.826	0.853	45.7	7.03	11
12	5.31	2.858	7.27	4.58	2.01	1.90	1.14	0.863	0.818	0.702	34.0	5.74	12
13	5.81	2.828	11.0	4.26	1.98	1.90	1.08	0.716	0.824	0.785	18.7	4.88	13
14	6.68	2.808	10.1	3.87	1.94	2.00	1.04	0.788	0.686	0.760	11.8	4.38	14
15	7.80	2.80E	7.42	3.78	1.88	2.08	1.12	0.847	1.30	0.885	8.02	3.93	15
16	12.9	2.88A	5.03	3.80	1.83	2.00	1.14	0.822	0.831	0.849	5.62	3.71	16
17	16.8	2.84	5.32	3.43	1.88	2.01	1.17	0.949	0.798	0.818	4.85	3.84	17
18	17.8	2.48	4.88	3.26	2.88	2.12	1.02	0.958	0.776	0.867	3.98	3.38	18
19	16.8	2.88	5.45	3.18	2.85	2.27	0.927	0.954	0.781	0.728	3.58	3.20	19
20	12.8	2.84	4.82	3.43	2.36	2.88	0.811	0.904	0.748	0.748	4.23	3.21	20
21	8.50	3.38	5.35	5.40	2.85	2.70	0.888	1.41	0.725	0.761	5.87	3.20	21
22	6.20	5.48	6.67	5.26	1.97	2.38	0.857	2.88	0.710	0.737	5.73	3.11	22
23	7.44	7.20	5.80	4.10	2.00	2.08	0.882	2.88	0.888	0.748	5.00	3.04	23
24	8.43	6.31	5.04	3.84	2.22	1.88	0.872	1.85	0.877	0.888	5.38	2.84	24
25	8.84	5.44	6.11	3.33	2.41	1.78	0.788	1.48	0.876	1.08	5.44	2.83	25
26	6.30	4.84	8.72	3.11	2.34	1.73	0.810	1.37	0.888	1.09	4.88	2.78	26
27	5.38	4.27	8.22	2.88	4.83	1.88	0.777	1.26	0.881	2.29	4.85	2.70	27
28	5.19	4.10	8.03	2.86	7.20	1.87	0.746	1.18	0.885	1.89	4.08	2.72	28
29	4.81		8.34	2.78	8.26	1.88	0.725	1.40	0.859	1.44	3.85	2.88	29
30	5.08		8.03	2.87	6.31	1.83	0.782	1.18	0.844	1.28	3.30	2.88	30
31	7.88		7.62		3.48		0.788	1.12		1.20		2.70	31
TOTAL	242.78	104.48	188.87	188.38	83.20	83.88	33.824	34.488	26.093	26.821	288.84	183.38	TOTAL
MEAN	7.83	3.73	6.12	6.31	2.88	2.12	1.08	1.11	0.838	0.858	8.88	5.24	MEAN
MAX	17.8	7.20	11.0	13.2	7.20	3.06	1.57	2.88	1.30	2.29	45.7	13.0	MAX
MIN	4.24	2.48	2.88	2.87	1.83	1.83	0.725	0.883	0.844	0.580	1.10	2.88	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.88
MAXIMUM DAILY, 45.7 ON NOV 11
MINIMUM DAILY, 0.580 ON OCT 5
MAXIMUM INSTANTANEOUS,
47.4 AT 05:11 PST ON NOV 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 08 N
LONG 122 13 50 W
DRAINAGE AREA, 149 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	21 000	JUL	2 900
FEB	9 030	AUG	2 880
MAR	18 400	SEP	2 170
APR	13 800	OCT	2 300
MAY	7 180	NOV	22 800
JUN	5 480	DEC	14 000

TOTAL DISCHARGE, 130 000 dam³

SURPRISE CREEK NEAR THE MOUTH - STATION NO. 08DA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.8508	0.5508	0.4658	0.8058	27.6	51.2	40.8	42.6	18.5	11.1	3.58	2.07	1
2	0.8508	0.5258	0.4708	0.8508	27.6	46.5	38.8	41.5	18.0	10.3	4.37	2.88	2
3	0.8508	0.5158	0.4708	0.8108	27.6	46.1	38.8	37.5	24.8	17.3	12.6	5.80	3
4	0.8408	0.5108	0.4708	1.00 B	28.4	58.6	38.3	38.2	22.9	32.8	10.7	5.85	4
5	0.8308	0.5008	0.4708	1.08 B	24.1	64.7	36.4	33.8	18.8	16.8	8.34	5.78A	5
6	0.8208	0.4858	0.4708	1.15 B	25.4	52.8	37.6	30.4	20.7	13.7	5.80	4.408	6
7	0.8008	0.4808	0.4758	1.22 A	30.0	48.8	40.9	28.6	24.3	18.1	5.84	3.808	7
8	0.7758	0.4858	0.4758	1.22	31.9	48.5	50.0	27.3	22.2	13.3	5.45	3.008	8
9	0.7658	0.4838	0.4758	1.25	30.6	49.8	50.0	24.1	18.5	10.2	5.21	2.888	9
10	0.7308	0.4808	0.4808	1.48	23.0	51.8	52.1	25.9	18.7	12.3	4.52	2.858	10
11	0.7108	0.4808	0.4808	1.81	20.3	56.8	56.0	28.8	16.8	11.1	4.23	2.408	11
12	0.6958	0.4758	0.4858	2.38	18.4	56.9	55.7	27.7	16.8	8.95	3.80	2.258	12
13	0.6758	0.4758	0.4808	2.46	17.1	53.9	49.7	38.2	16.5	7.78	3.84	2.328	13
14	0.6558	0.4758	0.4858	3.22	16.0	58.8	41.6	32.5	13.8	8.81	3.35	2.408	14
15	0.6408	0.4708	0.5008	3.71	20.8	61.6	38.7	32.6	10.8	6.86	3.87	2.808	15
16	0.6388	0.4708	0.6108	3.27	24.7	40.6	32.0	36.8	9.19	5.43	3.71	2.808	16
17	0.6208	0.4708	0.5258	3.54	30.6	34.8	34.3	36.3	7.75	5.07	3.36	2.458	17
18	0.6008	0.4708	0.5358	3.89	29.2	36.5	37.6	32.5	6.45	7.06	3.38	2.318	18
19	0.5808	0.4708	0.5458	4.26	31.5	31.1	36.2	30.8	14.0	8.89	3.03	2.188	19
20	0.5708	0.4708	0.5608	5.30	19.9	30.0	33.7	30.0	33.5	8.84	2.84	2.008	20
21	0.5808	0.4708	0.5708	6.36	19.0	30.0	30.1	27.0	32.6	7.58	2.76	1.858	21
22	0.5858	0.4708	0.5808	8.88	18.6	31.4	31.3	24.7	24.3	6.43	2.78	1.898	22
23	0.5458	0.4708	0.5958	8.86	21.1	41.6	38.8	27.7	21.8	5.84	2.72	2.138	23
24	0.5408	0.4708	0.6108	8.18	23.8	54.8	31.4	28.8	14.2	5.21	2.58	2.508	24
25	0.5458	0.4708	0.6358	9.44	25.2	58.4	32.3	25.0	14.2	5.14	2.48	4.308	25
26	0.5808	0.4858	0.6558	11.1	25.7	42.6	34.8	25.9	14.4	5.03	2.38	4.358	26
27	0.5908	0.4858	0.6808	13.5	30.0	37.3	39.6	26.9	12.1	4.90	1.88	4.208	27
28	0.6058	0.4858	0.6958	15.8	35.2	39.4	36.9	26.9	14.7	4.18	2.048	3.708	28
29	0.6088		0.7158	15.2	46.2	40.6	36.6	26.6	26.6	4.06	2.088	3.008	29
30	0.5958		0.7408	23.2	55.0	43.0	40.6	23.4	13.8	3.83	2.088	2.908	30
31	0.5708		0.7808		54.6		46.1	18.0		3.89		2.908	31
TOTAL	20.750	13.503	17.080	184.418	839.6	1 413.0	1 216.9	843.2	548.40	284.22	126.85	86.28	TOTAL
MEAN	0.669	0.482	0.551	6.48	29.6	47.1	39.3	30.4	18.3	9.17	4.23	3.11	MEAN
MAX	0.850	0.550	0.780	23.2	55.0	69.8	56.0	42.6	33.5	32.8	12.6	5.80	MAX
MIN	0.540	0.485	0.485	0.805	17.1	30.0	29.9	18.0	6.45	3.86	1.88	1.85	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.5
MAXIMUM DAILY, 69.8 ON JUN 14
MINIMUM DAILY, 0.4658 ON FEB 26
MAXIMUM INSTANTANEOUS,
74.8 AT 02:08 PST ON JUN 14

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 06 35 N
LONG 129 26 33 W
DRAINAGE AREA, 221 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 780	JUL	105 000
FEB	1 170	AUG	81 400
MAR	1 480	SEP	47 300
APR	16 200	OCT	24 600
MAY	71 700	NOV	11 000
JUN	133 000	DEC	8 220

TOTAL DISCHARGE, 480 000 dam³

SWALWELL LAKE NEAR OKANAGAN CENTRE - STATION NO. 08NM083

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	3.742	---	---	2.883	2.882	---	---	---	1
2	---	---	---	---	---	3.872	---	---	---	---	---	---	2
3	---	---	---	2.882	3.782	---	3.823	---	---	---	---	---	3
4	---	---	---	---	---	---	---	2.882	2.883	3.274	---	---	4
5	---	---	---	3.012	3.882	3.823	3.483	---	---	2.432	---	1.842	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	3.032	---	---	---	---	2.882	---	---	---	7
8	---	---	---	---	3.823	3.783	3.473	3.822	---	---	---	---	8
9	---	2.813	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	3.032	3.843	3.783	---	2.882	2.882	---	---	---	10
11	---	---	---	---	---	---	3.413	---	---	---	---	---	11
12	---	---	---	3.042	3.883	3.883	---	2.883	2.842	---	---	---	12
13	2.846	---	---	---	---	---	3.353	---	---	---	---	---	13
14	---	2.821	2.831	3.052	---	---	3.381	---	2.832	---	---	---	14
15	---	---	---	---	---	3.871	3.363	2.772	---	---	---	---	15
16	---	---	---	---	3.843	---	---	---	2.822	---	2.092	1.848	16
17	---	---	---	---	---	3.843	---	2.762	---	---	2.024	---	17
18	---	---	---	3.116	3.933	---	3.282	---	---	---	---	---	18
19	---	---	---	---	---	---	---	2.732	2.802	---	---	---	19
20	---	---	---	3.212	3.883	3.883	3.273	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	2.482	---	---	---	21
22	---	---	---	3.242	---	3.873	3.193	2.882	---	---	---	---	22
23	---	---	---	---	3.883	---	---	---	2.472	---	---	---	23
24	---	---	2.880	---	3.883	3.883	---	2.672	---	---	---	---	24
25	---	---	---	3.512	3.883	---	3.173	---	---	---	---	---	25
26	---	---	---	---	---	---	---	2.842	2.482	---	---	---	26
27	2.919	2.831	---	3.642	3.883	3.882	3.123	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	3.242	---	---	28
29	---	---	---	3.722	---	3.883	3.083	2.838	2.482	---	---	---	29
30	---	---	2.882	---	3.883	---	---	---	---	---	1.882	1.872	30
31	---	---	---	---	---	3.842	---	2.883	2.442	---	---	---	31
					3.877		3.033	---	---	---	---	---	
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 02 35 N
LONG 119 14 35 W

REGULATED SINCE 1923

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SWIFT CREEK NEAR THE MOUTH - STATION NO. 08KA012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.546 B	0.582 B	0.398 B	0.352 B	3.39	14.3	10.9	4.86	2.17	1.11	1.08	0.828 B	1
2	0.550 B	0.556 B	0.366 B	0.351 B	2.72	15.4	8.53	7.82	2.17	1.02	1.05	0.821 B	2
3	0.558 B	0.535 B	0.365 B	0.355 B	2.86	16.9	11.4	7.11	2.16	1.08	1.13	0.820 B	3
4	0.562 B	0.520 B	0.380 B	0.360 B	2.83	25.5 E	8.88	5.30	2.81	1.13	1.08	0.818 B	4
5	0.564 B	0.509 B	0.379 B	0.365 B	2.09	30.0 E	8.40	4.33	2.16	1.13	1.01	0.785 B	5
6	0.566 B	0.498 B	0.376 B	0.372 B	7.05	28.0 E	9.12	4.33	2.19	1.10	0.984	0.750 B	6
7	0.564 B	0.494 B	0.376 B	0.378 B	7.11	16.8	8.81	3.87	2.19	1.05	0.965	0.718 B	7
8	0.564 B	0.485 B	0.370 B	0.384 B	7.86	15.5	10.7	4.04	1.86	1.01	0.965	0.684 B	8
9	0.560 B	0.477 B	0.367 B	0.390 B	10.1	15.5	8.95	3.57	1.78	0.993	1.30	0.667 B	9
10	0.557 B	0.466 B	0.364 B	0.395 B	10.5	17.4	9.90	5.47	1.85	1.73	1.90	0.649 B	10
11	0.556 B	0.462 B	0.359 B	0.400 B	9.40	16.5 E	10.2	5.78	1.81	1.33	1.40	0.631 B	11
12	0.546 B	0.458 B	0.354 B	0.407 B	6.94	17.2	10.4	5.59	1.59	1.29	1.34 B	0.619 B	12
13	0.539 B	0.449 B	0.349 B	0.409 B	5.37	22.0	14.0	3.17	1.74	1.08	1.26 B	0.621 B	13
14	0.537 B	0.440 B	0.346 B	0.414 B	4.98	34.1	12.3	5.56	1.60	1.10	1.02 B	0.623 B	14
15	0.536 B	0.434 B	0.341 B	0.423 B	4.92E	25.6	11.2	4.30	1.57	0.957	1.08 B	0.625 B	15
16	0.536 B	0.424 B	0.340 B	0.434 B	5.21E	16.7	9.44	3.76	1.59	0.787	1.11 B	0.620 B	16
17	0.535 B	0.418 B	0.341 B	0.448 B	5.28E	17.3	8.19	3.27	1.59	1.02	0.992 B	0.610 B	17
18	0.534 B	0.405 B	0.344 B	0.477 B	5.21E	18.1	7.72	3.14	1.45	1.08	0.948 B	0.595 B	18
19	0.533 B	0.402 B	0.347 B	0.503 B	4.92E	8.47	9.12	3.22	1.45	1.36	0.934 B	0.560 B	19
20	0.530 B	0.402 B	0.350 B	0.526 B	4.42E	7.89	7.75	2.89	1.31	1.22	0.929 B	0.564 B	20
21	0.529 B	0.404 B	0.352 B	0.550 B	3.87E	7.86	9.09	5.43	1.28	1.45	0.924 B	0.552 B	21
22	0.529 B	0.418 B	0.356 B	0.580 B	3.60	9.40	6.85	7.37	1.29	1.60	0.916 B	0.548 B	22
23	0.530 B	0.424 B	0.360 B	0.610E	6.34	12.0	5.21	4.62	1.29	1.46	0.900 B	0.547 B	23
24	0.532 B	0.424 B	0.362 B	0.666E	3.88	12.2	6.14	3.62	1.29	1.57	0.892 B	0.547 B	24
25	0.530 B	0.422 B	0.364 B	0.720E	3.24	13.4	5.30	3.22	1.24	1.46	0.880 B	0.545 B	25
26	0.539 B	0.421 B	0.363 B	0.765	4.58	17.6	5.08	3.07	1.20	1.33	0.860 B	0.546 B	26
27	0.545 B	0.419 B	0.360 B	0.865	4.27	13.6	6.21	2.98	1.30	1.28	0.868 B	0.547 B	27
28	0.548 B	0.412 B	0.359 B	1.11	4.86	9.61	5.46	2.74	1.12	1.12	0.870 B	0.549 B	28
29	0.560 B		0.357 B	1.70	9.14	7.40	4.98	2.58	1.14	1.19	0.867 B	0.550 B	29
30	0.590 B		0.355 B	2.02	9.05	10.9	4.95	2.52	1.24	1.11	0.860 B	0.550 B	30
31	0.605 B		0.352 B		10.9		5.21	2.21		1.06		0.551 B	31
TOTAL	17.029	12.769	11.194	17.740	178.88	489.32	260.09	132.43	49.31	37.787	31.218	18.978	TOTAL
MEAN	0.549	0.456	0.361	0.591	5.71	16.3	8.39	4.27	1.64	1.22	1.04	0.638	MEAN
MAX	0.605	0.582	0.398	2.02	10.9	34.1	14.0	7.82	2.81	1.73	1.90	0.828	MAX
MIN	0.529	0.402	0.340	0.351	2.09	7.40	4.95	2.21	1.12	0.787	0.860	0.545	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.44
MAXIMUM DAILY, 34.1 ON JUN 14
MINIMUM DAILY, 0.340B ON MAR 16

TYPE OF GAUGE - MANUAL
LOCATION - LAT 62 50 16 N
LONG 119 18 00 W
DRAINAGE AREA, 132 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 470	JUL	22 500
FEB	1 100	AUG	11 400
MAR	967	SEP	4 260
APR	1 530	OCT	3 260
MAY	15 300	NOV	2 700
JUN	42 300	DEC	1 700

TOTAL DISCHARGE, 108 000 dam³

SWIFT RIVER NEAR SWIFT RIVER - STATION NO. 09AE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.0 B	11.1 B	10.1 B	11.6 B	51.5 B	181	59.9	46.0	31.4	44.6	33.3 B	24.1 B	1
2	15.0 B	10.8 B	10.1 B	12.2 B	55.5 B	170	59.7	46.2	30.7	43.6	33.0 B	24.2 B	2
3	14.5 B	10.7 B	10.0 B	12.6 B	63.0 B	161	60.3	44.2	31.1	50.1	32.6 B	24.3 B	3
4	14.2 B	10.6 B	10.0 B	13.0 B	74.0 B	148	59.0	43.4	32.0	55.7	31.6 B	24.0 B	4
5	13.9 B	10.5 B	10.0 B	13.2 B	95.0	161	55.5	43.9	32.3	56.4	30.6 B	23.5 B	5
6	13.7 B	10.4 B	10.0 B	13.6 B	104	153	54.0	45.4	32.7	54.4	29.6 B	23.0 B	6
7	13.6 B	10.3 B	10.0 B	14.2 B	109	154	54.6	47.6	32.4	53.6	28.6 B	22.8 B	7
8	13.6 B	10.3 B	10.0 B	14.6 B	121	143	52.9	51.6	31.7	53.4	27.6 B	22.3 B	8
9	13.6 B	10.4 B	10.0 B	15.2 B	131	131	51.3	56.7	31.4	54.3	26.6 B	22.4 B	9
10	13.6 B	10.5 B	9.80 B	15.9 B	127	124	53.2	57.2	31.1	56.1	24.0 B	22.5 B	10
11	13.5 B	10.5 B	9.75 B	16.3 B	117	119	51.6	53.2	30.3	59.1	23.2 B	22.7 B	11
12	13.4 B	10.6 B	9.80 B	17.1 B	104	115	51.0	49.1	29.4	57.3	22.5 B	23.0 B	12
13	13.2 B	10.6 B	9.85 B	18.0 B	92.5	113	50.1	46.7	29.0	53.6	23.0 B	22.8 B	13
14	13.0 B	10.7 B	9.90 B	18.5 B	83.5	115	49.2	44.1	28.9	49.4	23.2 B	22.2 B	14
15	12.8 B	10.7 B	9.95 B	19.3 B	82.1	119	48.7	42.2	28.4	43.6	23.4 B	21.7 B	15
16	12.7 B	10.8 B	9.95 B	20.3 B	85.6	111	46.5	40.9	28.0	39.6	23.6 B	21.3 B	16
17	12.6 B	10.7 B	9.95 B	21.2 B	85.6	99.7	46.4	39.2	29.2	40.2	23.9 B	20.9 B	17
18	12.5 B	10.5 B	9.95 B	22.0 B	81.0	88.9	44.9	37.6	29.4	42.0	24.2 B	20.5 B	18
19	12.4 B	10.4 B	9.95 B	23.1 B	78.0	83.3	43.7	38.5	29.7	42.2	24.0 B	19.9 B	19
20	12.3 B	10.3 B	9.95 B	24.9 B	76.9	81.6	45.0	38.2	31.4	41.6	23.9 B	19.3 B	20
21	12.2 B	10.3 B	10.0 B	26.0 B	81.6	78.5	53.6	38.2	34.0	40.9	23.7 B	18.8 B	21
22	12.1 B	10.2 B	10.1 B	28.0 B	89.9	74.9	82.9	37.9	36.2	39.1	23.6 B	20.3 B	22
23	12.0 B	10.3 B	10.2 B	30.0 B	96.4	70.5	94.1	40.3	47.0	37.7	23.2 B	20.6 B	23
24	12.0 B	10.2 B	10.3 B	31.5 B	105	68.4	85.6	42.1	63.4	37.2	23.5 B	20.8 B	24
25	12.0 B	10.1 B	10.3 B	33.5 B	109	67.9	75.0	40.6	64.1	34.6	23.6 B	20.8 B	25
26	12.0 B	10.0 B	10.4 B	36.0 B	112	67.3	63.1	36.6	51.9	33.4	23.2 B	21.0 B	26
27	12.1 B	10.1 B	10.5 B	38.0 B	115	67.4	59.0	36.9	46.7	33.9	23.5 B	20.7 B	27
28	12.0 B	10.1 B	10.7 B	41.0 B	123	66.2	55.1	36.6	48.6	34.2	23.7 B	20.0 B	28
29	11.8 B		11.0 B	44.0 B	133	63.3	51.8	34.4	46.7	34.0 B	23.9 B	19.5 B	29
30	11.6 B		11.2 B	47.0 B	152	61.3	49.5	33.4	46.8	33.8 B	24.0 B	19.0 B	30
31	11.3 B		11.5 B		172		48.6	32.5		33.6 B		18.6 B	31
TOTAL	400.2	292.7	315.30	692.4	3 111.1	3 257.1	1 763.2	1 320.9	1 076.4	1 386.5	766.3	668.6	TOTAL
MEAN	12.9	10.5	10.2	23.1	100	109	56.9	42.6	35.9	44.7	25.5	21.6	MEAN
MAX	15.0	11.1	11.5	47.0	172	181	94.1	56.7	64.1	59.1	33.3	24.3	MAX
MIN	11.3	10.0	9.75	11.6	51.5	61.3	43.7	32.5	28.0	33.4	22.5	18.6	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 41.2
MAXIMUM DAILY, 181 ON JUN 1
MINIMUM DAILY, 9.75B ON MAR 11
MAXIMUM INSTANTANEOUS,
184 AT 12:05 PST ON JUN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 55 50 N
LONG 131 46 04 W
DRAINAGE AREA, 3 320 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	34 600	JUL	152 000
FEB	25 300	AUG	114 000
MAR	27 200	SEP	93 200
APR	59 800	OCT	120 000
MAY	269 000	NOV	66 200
JUN	281 000	DEC	57 800

TOTAL DISCHARGE, 1 300 000 dam³

TABOR CREEK ABOVE SWEDE CREEK - STATION NO. 08KE033

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0808	0.0838	0.1888	0.1888	1.83	0.188	0.001E	0.001	---	---	---	0.014	1
2	0.0808	0.0848	0.1708	0.2008	1.18	0.174	0.001E	0	---	---	---	---	2
3	0.0888	0.0888	0.1868	0.2348	0.888	0.188	0.001E	0 E	---	---	---	---	3
4	0.0888	0.0848	0.1878	0.2708	0.858	0.084	0.003	0	---	---	---	---	4
5	0.0888	0.0838	0.1488	0.3308	1.88	0.038	0.001E	0	---	---	---	---	5
6	0.0808	0.0818	0.1438	3.4008	1.48	0.018	0.001	0	---	---	---	---	6
7	0.0818	0.0828	0.1418	0.5108	1.33 E	0.018	0.001	0	---	---	---	---	7
8	0.0818	0.0828	0.1408	0.6508	1.18	0.018	0.001E	0	---	---	---	---	8
9	0.0818	0.0828	0.1488	0.8008	1.04	0.0148	0	0	---	---	---	---	9
10	0.0828	0.0838	0.1488	1.03 E	1.08	0.011	0	0	---	---	---	---	10
11	0.0828	0.0838	0.1508	1.30 E	0.988	0.014	0	0	---	---	---	---	11
12	0.0828	0.0838	0.1488	1.58 E	0.888	0.018	0	0	---	---	---	---	12
13	0.0828	0.0838	0.1388	2.27 E	0.818	0.042	0.002	0	---	---	---	---	13
14	0.0828	0.0848	0.1288	2.41 E	0.432	0.008	0.001	0	---	---	---	---	14
15	0.0838	0.0848	0.1188	2.85 E	0.287	0.004	0.001	---	---	---	---	---	15
16	0.0838	0.0848	0.1108	2.85 E	0.238	0.004	0.002	---	---	---	---	---	16
17	0.0838	0.0858	0.1028	2.80 E	0.346	0.003	0.002	---	---	---	---	---	17
18	0.0838	0.0878	0.1018	2.85 E	0.482	0.002	0.001	---	---	---	---	---	18
19	0.0838	0.0888	0.0988	3.18	0.325	0.003	0.001	---	---	---	---	---	19
20	0.0828	0.0738	0.1008	4.88	1.20	0.004	0.001	---	---	---	---	---	20
21	0.0828	0.0788	0.1018	5.22	0.857	0.003	0.001	---	---	---	---	---	21
22	0.0828	0.0788	0.1028	4.19	0.734	0.003	0.001	---	---	---	---	---	22
23	0.0828	0.0838	0.1038	3.81	0.588	0.002	0.001	---	---	---	---	---	23
24	0.0828	0.0868	0.1048	3.54	0.338	0.001	0.001	---	---	---	---	---	24
25	0.0828	0.0848	0.1058	3.83	0.251	0.001	0.001	---	---	---	---	---	25
26	0.0828	0.1088	0.1078	3.83	0.322	0.001	0.001	---	---	---	---	---	26
27	0.0838	0.1288	0.1098	2.82	0.308	0.001	0.001	---	---	---	---	---	27
28	0.0848	0.1588	0.1118	2.88	0.188	0.001	0.001	---	---	---	---	3.18	28
29	0.0888		0.1148	2.40	0.184	0.002	0.001	---	---	---	---	---	29
30	0.0878		0.1288	2.18	0.313	0.001	0.001	---	---	---	---	---	30
31	0.0888		0.1508		0.331		0.001	---	---	---	---	---	31
TOTAL	1.928	2.108	3.888	85.243	22.818	0.834	0.032	---	---	---	---	---	TOTAL
MEAN	0.062	0.075	0.126	2.17	0.730	0.028	0.001	---	---	---	---	---	MEAN
MAX	0.088	0.158	0.170	5.22	1.88	0.188	0.003	---	---	---	---	---	MAX
MIN	0.088	0.081	0.088	0.188	0.184	0.001	0	---	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 5.22 ON APR 21
MINIMUM DAILY, 0 ON JUL 9

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT. 53 51 45 N
LONG 122 36 14 W
DRAINAGE AREA, 80.2 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	198	JUL	2.76
FEB	182	AUG	---
MAR	342	SEP	---
APR	8 840	OCT	---
MAY	1 880	NOV	---
JUN	72.1	DEC	---

TAKU RIVER NEAR JUNEAU - STATION NO. 08DB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	78.78	61.08	40.58	58.38	878	1 830	1 000	943	804	402	177	80.68	1
2	78.38	77.68	39.68	58.88	877	1 440	1 020	832	678	433	288	184	2
3	76.68	74.58	38.18	58.78	746	1 230	1 010	832	883	1 010	342	108	3
4	75.08	71.88	38.58	70.88	818	1 270	888	806	814	888	343	111	4
5	74.58	69.18	36.38	73.88	883	1 480	881	818	580	800	287	118	5
6	74.38	68.88	37.88	75.08	885	1 370	832	841	678	488	248	112	6
7	73.88	64.88	37.78	73.88	1 080	1 200	871	888	888	803	213	88.3	7
8	73.88	62.88	37.48	72.38	1 180	1 110	1 080	783	888	837	188	81.2	8
9	73.38	61.38	37.18	70.88	1 338	1 110	1 130	714	880	872	184 B	110	9
10	73.18	59.78	36.88	71.48	1 140	1 080	1 170	708	831	801	183 B	108	10
11	72.88	58.38	38.88	73.18	888	1 080	1 280	818	840	418	142 B	82.7	11
12	72.38	58.88	36.28	78.38	858	1 070	1 310	848	834	381	133 B	88.3	12
13	71.88	58.88	38.08	77.88	788	1 080	1 330	1 080	820	308	127 B	147	13
14	71.68	58.08	38.08	82.1	718	1 180	1 310	1 180	888	272	128 B	274	14
15	71.18	83.28	35.78	88.8	738	1 200	1 170	1 480	888	244	122 B	303	15
16	70.88	52.18	35.78	90.8	780	1 030	1 030	2 130	418	232	122 B	188	16
17	70.28	51.08	35.48	87.7	718	881	883	2 180	383	217	138 B	164	17
18	89.08	48.88	35.48	104	857	818	838	877	328	233	147 B	137	18
19	88.48	48.08	36.08	112	823	788	888	872	344	218	142 B	118 B	19
20	88.18	48.18	36.68	138	882	788	1 010	838	374	881	138 B	118 B	20
21	88.88	47.38	37.88	187	808	806	880	787	337	181	130 B	108 B	21
22	88.88	46.48	38.18	188	718	871	1 010	773	837	181	128 B	113 B	22
23	88.28	46.88	40.28	193	783	1 280	1 040	778	1 010	178	118 B	128 B	23
24	88.08	44.78	41.38	208	784	880	871	788	841	188	113 B	188 B	24
25	73.88	43.88	43.88	238	787	1 030	888	804	840	188	108 B	188 B	25
26	82.18	43.08	43.88	268	783	843	833	888	881	188	103 B	221 B	26
27	88.38	42.38	46.88	287	827	828	838	871	831	148	88.7	208	27
28	84.88	41.38	47.38	343	837	883	887	871	818	143	88.4	177	28
29	83.48		48.88	388	1 040	1 020	888	888	827	148	88.38	158	29
30	88.08		51.08	487	1 310	888	888	848	488	143	83.48	140	30
31	88.88		52.48		1 880		888	878		141		127	31
TOTAL	3 338.8	1 871.8	1 233.3	4 344.4	35 833	32 881	31 837	28 480	17 011	10 818	4 833.2	4 382.1	TOTAL
MEAN	78.4	88.1	38.8	148	887	1 080	1 020	918	887	338	181	137	MEAN
MAX	84.8	81.8	52.4	487	1 880	1 830	1 330	2 180	1 010	1 010	343	374	MAX
MIN	88.8	41.3	38.4	88.2	878	788	838	878	344	141	83.4	82.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 484
MAXIMUM DAILY, 2 180 ON AUG 17
MINIMUM DAILY, 38.48 ON MAR 17
MAXIMUM INSTANTANEOUS,
2 880 ON AUG 17

SUMMARY FOR THE YEAR 1988

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT. 58 32 18 N
LONG 133 42 00 W
DRAINAGE AREA, 17 700 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	203 000	JUL	2 730 000
FEB	136 000	AUG	2 480 000
MAR	107 000	SEP	1 470 000
APR	376 000	OCT	888 000
MAY	3 330 000	NOV	416 000
JUN	2 830 000	DEC	387 000

TOTAL DISCHARGE, 14 300 000 dam³

TASEKO RIVER AT OUTLET OF TASEKO LAKES - STATION NO. 08MA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.60	5.488	3.858	3.87	12.5	45.5	71.9	88.0	72.7	37.2	15.5	9.81	1
2	5.60	5.368	3.808	3.71	14.9	53.6	87.7	108	72.3	38.7	14.8	9.88	2
3	5.63	5.258	3.708	3.53	17.7	78.9	84.0	116	70.9	33.5	14.5	10.5	3
4	5.44	5.308	3.858	3.47	20.7	93.4	80.8	118	66.2	31.4	13.7	10.5	4
5	5.12	5.39	3.86	3.48	23.7	104	86.0	118	67.0	29.3	13.8	10.9	5
6	5.80	5.31	3.87	3.91	27.1	118	88.2	118	62.6	28.8	13.7	10.8	6
7	5.84	5.23	3.86	3.77	31.8	119	85.1	116	60.5	27.3	13.5	11.4	7
8	5.81	5.13	4.05	3.86	37.5	115	84.5	112	60.7	26.3	13.4	10.9	8
9	5.44	4.95	4.00	3.73	42.3	114	85.1	108	60.5	25.5	14.1	10.7	9
10	5.90	4.88	4.03	3.73	46.7	106	87.3	103	58.9	25.3	14.4	10.5	10
11	5.42	4.81	4.05	3.80	46.8	109	81.7	94.2	55.3	25.8	15.5	10.2	11
12	5.53	4.86	4.19	3.79	45.4	113	86.0	86.1	53.1	24.3	16.2	9.82	12
13	5.51	4.85	4.11	3.89	42.8	117	76.8	81.0	52.7	23.1	16.0	9.50	13
14	5.58	4.358	3.80	4.02	40.1	122	85.4	77.1	53.0	21.8	14.8	9.07	14
15	5.80	4.208	3.88	3.99	36.9	121	83.1	76.3	52.2	20.0	15.0	8.84	15
16	5.70	4.058	3.98	4.21	38.5	116	87.4	80.5	48.8	19.0	14.3	8.81	16
17	5.84	4.078	4.08	4.86	39.0	108	88.7	88.5	45.8	19.1	14.4	8.31	17
18	5.39	4.108	4.08	4.84	38.7	92.0	83.5	84.2	41.5	19.2	14.8	8.48	18
19	5.82	4.158	4.13	5.18	37.1	81.2	80.7	80.1	37.3	21.7	13.6	8.37	19
20	5.27	4.35	4.17	5.81	34.7	70.9	86.9	103	33.9	23.1	13.3	7.46	20
21	5.20	4.27	4.06	6.41	32.6	62.6	87.1	105	31.8	23.2	13.4	8.08	21
22	5.08	4.45	3.93	6.87	31.2	57.9	82.5	103	31.0	21.6	13.3	8.17	22
23	5.23	4.35	3.98	7.08	30.1	54.2	76.2	86.8	30.8	21.2	13.0	8.08	23
24	5.26	4.31	3.78	7.46	28.9	53.1	74.7	84.3	31.8	22.3	12.1	7.88	24
25	5.22	4.13	3.62	7.70	28.7	74.1	72.8	83.9	32.4	22.5	11.7	7.77	25
26	5.13	4.23	3.83	8.14	28.3	88.8A	74.3	82.1	33.0	21.4	11.2	7.83	26
27	5.24	3.83	3.88	8.45	27.2	84.3	77.9	80.4	34.7	19.9	11.3	7.25	27
28	5.27	3.70	3.88	9.00	26.8	81.6	80.7	78.0	36.3	18.6	11.3	7.44	28
29	5.35		3.84	8.89	27.0	84.1	81.6	74.8	37.7	18.1	10.5	7.20	29
30	5.88		3.87	10.7	26.0	77.3	83.9	73.2	37.2	16.5	9.77	7.38	30
31	5.868		3.73		34.2		88.9	73.4		16.2		7.38	31
TOTAL	174.21	126.81	121.83	162.04	1 000.7	2 755.3	2 335.6	2 830.9	1 498.6	738.0	408.87	279.38	TOTAL
MEAN	5.62	4.80	3.93	5.40	32.3	91.9	75.3	84.5	48.9	23.8	13.8	9.01	MEAN
MAX	5.90	5.48	4.19	10.7	46.8	122	87.4	118	72.7	37.2	16.2	11.4	MAX
MIN	5.08	3.70	3.80	3.47	12.5	45.5	54.5	73.2	30.9	16.2	9.77	7.20	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 34.2
MAXIMUM DAILY, 122 ON JUN 14
MINIMUM DAILY, 3.47 ON APR 4
MAXIMUM INSTANTANEOUS,
125 AT 21:26 PST ON JUN 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 33 45 N
LONG 123 37 30 W
DRAINAGE AREA, 1 530 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 100	JUL	202 000
FEB	11 100	AUG	253 000
MAR	10 500	SEP	127 000
APR	14 000	OCT	63 500
MAY	86 500	NOV	35 100
JUN	238 000	DEC	24 100

TOTAL DISCHARGE, 1 080 000 dam³

TEETER CREEK NEAR THE MOUTH - STATION NO. 10BE009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.23 B	0.818B	0.820B	0.770B	2.15	1.86	1.84	1.26	0.978	0.880	0.880B	0.770B	1
2	1.22 B	0.830B	0.832B	0.788B	2.30	1.81	1.82	1.25	0.976	0.894	0.895B	0.765B	2
3	1.18 B	0.840B	0.820B	0.735B	2.87	1.81	1.81	1.23	0.985	0.878	0.725B	0.765B	3
4	1.08 B	0.890B	0.788B	0.720B	3.15	1.88	1.80	1.23	0.980	1.00	0.718B	0.780B	4
5	1.04 B	1.02 B	0.778B	0.730B	3.44	1.87	1.88	1.22	0.981	0.984	0.888B	0.735B	5
6	1.03 B	1.03 B	0.758B	0.748B	3.54	1.82	1.81	1.21	0.937	0.933	0.875B	0.730B	6
7	1.04 B	1.00 B	0.748B	0.780B	3.50	1.88	1.88	1.21	0.932	0.960	0.870B	0.720B	7
8	1.07 B	1.01 B	0.760B	0.780B	3.50	1.83	1.85	1.23	0.938	0.970	0.880B	0.705B	8
9	1.10 B	1.04 B	0.740B	0.820B	3.30	1.80	1.81	1.22	0.923	0.995	0.885B	0.888B	9
10	1.15 B	1.03 B	0.736B	0.880B	3.38	1.79	1.88	1.20	0.934	0.992	0.880B	0.890B	10
11	1.18 B	1.05 B	0.740B	0.870B	3.18	1.78	1.85	1.17	0.908	0.988	0.840B	0.878B	11
12	1.20 B	1.08 B	0.741B	0.885B	3.08	1.78	1.82	1.16	0.906	0.983	0.830B	0.870B	12
13	1.21 B	1.03 B	0.780B	0.880B	2.88	1.80	1.48	1.13	0.918	0.988	0.827B	0.867B	13
14	1.13 B	1.00 B	0.780B	0.875A	2.85	1.89	1.48	1.11	0.936	0.987	0.825B	0.705B	14
15	1.12 B	0.945B	0.770B	0.880B	2.81	1.78	1.47	1.22	0.955	0.951	0.832B	0.710B	15
16	1.08 B	0.885B	0.780B	0.900B	2.88	1.78	1.65	1.19	1.01	0.930	0.858B	0.700B	16
17	1.08 B	0.900B	0.737B	0.905B	2.81	1.76	1.44	1.14	0.975	0.947	0.700B	0.888B	17
18	1.07 B	0.920B	0.730B	0.930B	2.48	1.78	1.50	1.11	0.970	0.927	0.788B	0.875B	18
19	1.06 B	0.900B	0.740B	0.955B	2.42	1.81	1.48	1.11	0.980	0.883	0.762B	0.880B	19
20	1.08 B	0.910B	0.788B	0.985B	2.30	1.82	1.44	1.10	1.03	0.887	0.725B	0.880B	20
21	1.07 B	0.940B	0.785B	1.01 B	2.38	1.78	1.42	1.11	1.00	0.880	0.700B	0.838B	21
22	1.06 B	0.885B	0.780B	1.03	2.38	1.75	1.48	1.10	0.988	0.858	0.688B	0.830B	22
23	1.08 B	0.938B	0.785B	1.11	2.34	1.72	1.44	1.08	1.02	0.836	0.680B	0.833B	23
24	1.10 B	0.880B	0.780B	1.33	2.28	1.71	1.38	1.06	1.00	0.885	0.682B	0.880B	24
25	1.15 B	0.845B	0.788B	1.84	2.20	1.72	1.37	1.03	0.973	0.921	0.880B	0.888B	25
26	1.19 B	0.880B	0.738B	1.72	2.26	1.71	1.34	1.02	0.957	0.748B	0.850B	0.870B	26
27	1.18 B	0.838B	0.720B	1.86	2.14	1.88	1.32	1.01	0.961	0.780B	0.884B	0.880B	27
28	1.12 B	0.788B	0.738B	1.87	2.08	1.70	1.32	1.01	0.982	0.780B	0.700B	0.850B	28
29	1.02 B		0.730B	1.92	2.07	1.71	1.38	1.00	1.00	0.748B	0.788B	0.840B	29
30	0.970B		0.758B	2.04	2.02	1.88	1.38	0.995	0.984	0.705B	0.780B	0.830B	30
31	0.870B		0.780B		1.98		1.27	0.975		0.868B		0.830B	31
TOTAL	34.280	26.940	23.638	32.170	81.80	53.81	45.83	35.120	28.937	28.233	20.483	21.221	TOTAL
MEAN	1.11	0.948	0.783	1.07	2.84	1.80	1.48	1.13	0.985	0.810	0.883	0.885	MEAN
MAX	1.23	1.08	0.832	2.04	3.84	1.98	1.85	1.34	1.03	1.00	0.780	0.770	MAX
MIN	0.870	0.788	0.720	0.720	1.98	1.88	1.28	0.975	0.908	0.888	0.828	0.830	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.18
MAXIMUM DAILY, 3.84 ON MAY 6
MINIMUM DAILY, 0.8208 ON DEC 31
MAXIMUM INSTANTANEOUS,
3.80 AT 19:01 PST ON MAY 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 27 15 N
LONG 128 13 30 W
DRAINAGE AREA, 211 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 880	JUL	3 880
FEB	2 380	AUG	3 030
MAR	2 040	SEP	2 800
APR	2 780	OCT	2 440
MAY	7 070	NOV	1 770
JUN	4 880	DEC	1 830

TOTAL DISCHARGE, 37 300 dam³

TELKWA RIVER BELOW TSAI CREEK - STATION NO. 08EE020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.060	2.72	1.848	1.71	38.4	68.9	17.8E	24.1	13.4	16.5	6.88	8.12	1
2	3.048	2.868	1.828	1.86	36.6	74.6	16.4E	24.8	12.8	16.5	6.06	8.86	2
3	3.018	3.008	1.818	1.80	41.1	75.4	20.0E	26.7	13.2	11.8	10.0	10.8	3
4	2.958	2.936	1.818	1.88	41.5	67.6	20.4E	26.5	14.5	14.0	21.6	11.2	4
5	2.948	2.808	1.818	1.80	40.4	68.7	20.9E	22.1	12.8	14.4	13.8	10.0	5
6	2.838	2.338	1.818	1.88	44.8	68.2	20.4A	20.1	12.8	10.0	11.0	8.90	6
7	2.868	2.278	1.808	1.88	48.6	67.6	22.2	21.2	16.7	10.1	9.33	8.24	7
8	2.878	2.218	1.81	1.80	44.4	64.6	28.4	26.8	14.8	8.58	10.1	7.83	8
9	2.788	2.188	1.78	1.88	40.3	62.6	28.6	26.6	12.8	10.4	9.80	7.38	9
10	2.808	2.118	1.81	1.86	33.6	66.8	28.2	23.2	11.8	9.84	11.4	8.81	10
11	2.848	2.088	1.70	1.88	28.2	60.3	28.2	24.4	12.4	8.87	8.51	8.51	11
12	3.08	2.068	1.74	1.88	32.1	64.6	28.4	26.8	14.4	7.88	8.38	8.36	12
13	3.38	2.038	1.78	1.86	30.6	61.6	31.4	22.6	13.3	8.72	7.80	8.21	13
14	3.18	2.008	1.73	2.80	30.3	63.6	28.8	24.4	13.7	8.18	8.88	8.18	14
15	3.08	1.988	1.71	2.78	32.3	60.6	28.3	28.6	9.37	8.80	8.28	8.88	15
16	2.85	1.878	1.76	2.84	28.0	31.6	22.7	24.8	7.88	8.20	7.12	8.71	16
17	2.83	1.878	1.73	2.81	26.7	28.7	21.8	24.6	8.61	8.86	7.21	8.63	17
18	2.80	1.878	1.73	2.81	24.3	23.6	21.7	22.6	8.31	8.76	30.2	8.40	18
19	2.87	1.878	1.73	3.14	23.8	22.3A	21.8	22.2	12.6	7.08	50.7	8.19	19
20	2.87	1.878	1.73	3.84	20.7	18.3A	21.8	27.8	18.7	8.18	33.8	3.81	20
21	2.80	1.888	1.70	4.84	18.0	18.0E	18.7	32.8	18.1	7.82	18.4	3.809	21
22	2.88	1.888	1.88	4.70	18.0	20.0A	20.2	28.0	16.8	8.88	13.1	3.378	22
23	2.83	1.888	1.88	4.33	18.4	23.0E	18.8	24.0	15.1	8.03	11.8	3.458	23
24	2.78	1.888	1.88	4.38	20.8	26.8E	18.3	24.3	12.3	8.88	10.3	4.208	24
25	3.03	1.888	1.70	4.11	21.7	31.0E	18.3	24.8	11.3	8.82	8.88	5.808	25
26	3.88	1.858	1.88	10.4	21.8	30.0E	18.8	20.1	11.2	8.41	8.33	8.308	26
27	4.08	1.838	1.80	12.0	20.8	26.0E	28.1	18.0	11.8	8.88	7.72	8.388	27
28	3.78	1.878	1.81	14.1	24.2	22.0E	24.8	16.0	11.3	8.18	8.88	8.808	28
29	3.80		1.78	17.7	26.8	18.8E	22.4	16.8	33.0	8.30	8.33	8.008	29
30	3.21		1.78	22.8	32.8	18.8E	23.0	16.7	28.8	8.33	8.88	8.008	30
31	2.81		1.73		88.8		26.0	16.8		4.81		4.308	31
TOTAL	84.29	59.80	54.41	147.89	881.0	1 198.3	713.3	732.8	418.24	248.83	378.80	187.08	TOTAL
MEAN	3.04	2.13	1.76	4.93	30.4	40.0	23.0	23.3	13.8	7.87	12.8	6.38	MEAN
MAX	4.08	2.72	1.84	22.8	88.8	76.4	31.4	32.8	33.0	14.5	50.7	11.2	MAX
MIN	2.88	1.87	1.88	1.88	18.0	18.0	17.8	16.8	8.31	4.81	6.88	3.37	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.2
MAXIMUM DAILY, 76.4 ON JUN 3
MINIMUM DAILY, 1.68 ON APR 10
MAXIMUM INSTANTANEOUS,
80.0 AT 14:03 PST ON JUN 3

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT. 54 38 10 N
LONG. 127 38 42 W
DRAINAGE AREA, 388 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 150	JUL 81 800	
FEB	5 140	AUG 82 400	
MAR	4 700	SEP 38 000	
APR	13 800	OCT 21 300	
MAY	81 300	NOV 32 700	
JUN	104 000	DEC 17 000	

TOTAL DISCHARGE, 447 000 dam³

TERRACE CREEK NEAR KELOWNA - STATION NO. 08NM138

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.043E	0.034E	0.043E	0.083	2.77	0.748	0.523	0.033	0.088	0.018	0.038	0.082	1
2	0.042E	0.030E	0.041E	0.083	2.87	0.888	0.408	0.048	0.122	0.021	0.034	0.088	2
3	0.041E	0.030E	0.041E	0.081	2.67	0.570	0.278	0.088	0.148	0.020	0.100	0.081	3
4	0.040E	0.032E	0.042E	0.081	2.45	0.488	0.214	0.088	0.108	0.018	0.384	0.084	4
5	0.040E	0.033E	0.043E	0.080	2.44	0.443	0.188	0.048	0.083	0.018	0.288	0.083	5
6	0.040E	0.035E	0.045E	0.084	2.80	0.384	0.141	0.038	0.078	0.018	0.181	0.084	6
7	0.038E	0.038E	0.047E	0.090	2.40	0.384	0.118	0.038	0.088	0.017	0.181	0.080	7
8	0.040E	0.036E	0.050E	0.092	2.17	0.316	0.103	0.033	0.087	0.018	0.133	0.082	8
9	0.038E	0.040E	0.053E	0.093	2.08	0.287	0.095	0.032	0.081	0.018	0.122	0.082	9
10	0.038E	0.041E	0.058E	0.092	2.28	0.288	0.100	0.038	0.046	0.018	0.304	0.080	10
11	0.040E	0.042E	0.060E	0.100	1.78	0.243	0.107	0.028	0.042	0.018	0.244	0.088	11
12	0.042A	0.043E	0.057E	0.1408	1.31	0.214	0.088	0.023	0.038	0.017	0.262	0.088	12
13	0.043	0.041E	0.055E	0.2808	1.07	0.200	0.081	0.024	0.038	0.018	0.212	0.088	13
14	0.042	0.041E	0.053E	0.4008	0.887	0.218	0.118	0.028	0.034	0.020	0.181	0.086	14
15	0.042	0.043E	0.060E	0.5608	0.878	0.282	0.308	0.048	0.031	0.021	0.134	0.087	15
16	0.042	0.042E	0.048E	0.7008	0.828	0.238	0.383	0.102	0.028	0.020	0.117	0.088	16
17	0.043	0.043E	0.048E	0.6008	0.618	0.187	0.263	0.138	0.030	0.021	0.108	0.088	17
18	0.043	0.043E	0.048E	0.8208	0.841	0.161	0.180	0.104	0.031	0.021	0.101	0.083	18
19	0.043	0.044E	0.048E	1.07 E	0.804	0.310	0.158	0.137	0.030	0.021	0.103	0.081	19
20	0.041	0.044E	0.050E	1.43	0.838	0.218	0.136	0.108	0.030	0.020	0.112	0.081	20
21	0.043	0.045E	0.051E	2.00	0.758	0.178	0.103	0.082	0.028	0.021	0.1048	0.080	21
22	0.040	0.046E	0.052A	1.82 E	0.680	0.161	0.088	0.083	0.027	0.022	0.0988	0.080	22
23	0.0388	0.047E	0.052	1.72 E	0.763	0.167	0.080	0.083	0.026	0.028	0.087	0.080	23
24	0.0378	0.047E	0.052	1.61 E	0.847	0.128	0.071	0.078	0.024	0.028	0.087	0.080	24
25	0.0378	0.048E	0.053	1.81	1.18	0.130	0.084	0.088	0.024	0.081	0.084	0.080	25
26	0.0388	0.048E	0.053	1.80	1.10	0.184	0.088	0.081	0.033	0.080	0.077	0.048	26
27	0.0388	0.044E	0.053	1.83	1.40	0.118	0.088	0.113	0.022	0.070	0.073	0.080	27
28	0.0388	0.043E	0.053	1.88	1.48	0.108	0.063	0.084	0.022	0.068	0.088	0.080	28
29	0.0408		0.052	2.40	1.12	0.118	0.048	0.081	0.021	0.058	0.088	0.080	29
30	0.0388		0.052	2.74	0.847	0.178	0.043	0.088	0.020	0.044	0.084	0.047	30
31	0.0378		0.053		0.841		0.037	0.081		0.042		0.048	31
TOTAL	1.248	1.138	1.688	28.908	48.788	8.133	4.888	2.811	1.410	0.888	4.188	1.707	TOTAL
MEAN	0.040	0.041	0.080	0.887	1.48	0.271	0.180	0.088	0.047	0.032	0.140	0.088	MEAN
MAX	0.043	0.047	0.060	2.74	2.77	0.748	0.523	0.138	0.148	0.087	0.384	0.084	MAX
MIN	0.037	0.030	0.041	0.081	0.680	0.108	0.037	0.023	0.020	0.018	0.034	0.048	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.373
MAXIMUM DAILY, 2.77 ON MAY 1
MINIMUM DAILY, 0.018 ON OCT 8
MAXIMUM INSTANTANEOUS,
3.32 AT 20:26 PST ON APR 30

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT. 50 04 18 N
LONG 119 40 00 W
DRAINAGE AREA, 31.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1972

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	108	JUL 482	
FEB	88.1	AUG 174	
MAR	136	SEP 122	
APR	2 330	OCT 88.6	
MAY	3 080	NOV 383	
JUN	703	DEC 147	

TOTAL DISCHARGE, 8 810 dam³

THEODOSIA RIVER NEAR BLISS LANDING - STATION NO. 08EC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.80E	5.08	3.48	4.30	7.08	5.32	4.81	1.86	1.62	0.885	3.11	2.75	1
2	5.85E	4.84B	3.08	4.62	6.88	5.73	4.85	1.88	1.41	0.834	2.83	16.4	2
3	5.00E	3.03B	2.88	4.36	6.08	5.18	8.39	1.84	1.27	0.818	13.1	17.1	3
4	5.80E	3.42B	2.72	4.48	5.18	4.80	5.44	1.76	1.30	0.826	17.3	---	4
5	5.40E	2.10B	4.02	5.09	5.70	4.88	3.41	1.88	1.38	0.838	8.21	8.81	5
6	5.00E	2.00B	5.56	12.0	7.20	3.86	2.42	1.84	1.18	0.888	10.8	8.84	6
7	4.80E	1.88B	4.52	10.6	8.71	3.12	2.18	1.88	1.08	0.782	8.78	8.58	7
8	4.10E	1.88B	4.31	8.44	8.33	2.88	2.06	1.50	0.976	0.782	20.8	16.8	8
9	3.68E	1.82B	4.16	8.22	8.38	2.80	1.97	1.27	0.906	0.761	---	7.31	9
10	3.40E	1.78B	7.82	8.20	4.38	2.80	1.88	0.973	0.837	1.36	---	4.88	10
11	2.88	1.70B	8.28	6.18	3.21	2.87	1.85	1.15	0.788	3.04	12.1	3.80E	11
12	6.18	1.72B	8.03	7.28	2.82	2.77	1.87	0.928	0.765	8.18	8.18	3.48E	12
13	10.8	1.71B	8.02	8.31	3.43	3.08	1.88	0.908	0.742	2.75	4.88	3.18E	13
14	8.88	1.70B	4.88	10.8	2.82	3.82	1.81	0.880	0.728	2.43	3.82	1.88E	14
15	4.88	1.69B	4.29	8.43	3.08	3.44	1.78	1.08	0.711	3.13	3.08	1.81E	15
16	8.78	1.68B	3.88	8.48	3.88	1.84	1.87	0.884	0.744	2.04	3.11	1.88E	16
17	7.83	1.73	3.80	4.77	5.24	2.26	2.26	0.800	1.80	2.18	3.47	1.88E	17
18	8.71	1.73	3.38	5.44	3.83	2.40	1.08	0.718	1.72	11.3	8.22	1.48E	18
19	8.14	2.08	3.08	8.87	2.85	4.80	1.82	0.802	1.24	4.30	18.2	1.38E	19
20	4.34	2.00	3.03	21.4	2.47	3.33	1.83	0.886	1.01	7.83	22.1	1.31E	20
21	4.08	2.37	3.78	8.23	2.27	2.34	1.81	8.18	0.888	---	18.8	1.48E	21
22	3.88	20.1	3.87	8.11	2.23	2.12	1.78	7.08	0.813	---	8.84	1.83E	22
23	3.18	14.8	3.80	4.38	2.70	2.14	1.78	2.87	0.784	---	7.17	2.00E	23
24	2.81	10.4	3.37	4.81	4.12	2.18	1.71	2.30	0.714	21.8	8.32	2.02E	24
25	2.81	8.88	3.10	8.87	3.22	2.24	1.88	2.08	0.877	11.8	4.88	1.73E	25
26	2.84	8.32	4.20	5.84	12.8	1.88	1.84	1.82	0.807	23.7	3.48	1.88E	26
27	3.26	4.48	8.30	8.06	8.48	1.74	1.82	1.77	0.878	11.8	2.88	1.87E	27
28	3.00	3.87	4.88	8.31	4.82	1.78	1.80	1.87	0.848	8.70	3.30	1.88E	28
29	7.43		4.01	7.78	4.48	1.81	1.88	1.83	0.780	4.88	4.81	1.80E	29
30	17.0		3.82	8.20	4.37	2.88	1.87	1.41	0.700	4.14	3.38	1.88E	30
31	11.8		3.88		4.43		1.88	1.80		3.88		2.34E	31
TOTAL	173.48	113.70	134.74	213.88	148.28	90.88	73.48	58.448	30.111	---	---	---	TOTAL
MEAN	5.80	4.08	4.35	7.13	4.82	3.03	2.37	1.89	1.00	---	---	---	MEAN
MAX	17.0	20.1	8.28	21.4	12.8	5.73	8.44	8.18	1.80	---	---	---	MAX
MIN	2.81	1.88	2.72	4.30	2.23	1.74	1.87	0.802	0.877	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.616 ON OCT 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 05 34 N
LONG 124 37 22 W
DRAINAGE AREA, 140 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1963

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 000	JUL	6 350
FEB	8 820	AUG	5 050
MAR	11 600	SEP	2 600
APR	18 500	OCT	---
MAY	12 800	NOV	---
JUN	7 850	DEC	---

THOMPSON RIVER AT KAMLOOPS - STATION NO. 08LP023

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	3.486	---	3.030	4.867	5.878	5.838	4.878	4.488	3.800	3.813	3.884	1
2	3.181	---	---	3.032	4.778	6.103	5.806	4.877	4.481	3.780	3.808	3.838	2
3	3.181	---	3.358	3.041	4.842	6.383	5.838	4.881	4.447	3.784	3.585	3.844	3
4	3.140	---	3.318	3.041	5.044	6.588	5.858	4.867	4.418	3.733	3.588	3.840	4
5	3.187	3.848	---	3.042	5.141	6.588	5.828	4.888	4.384	3.888	3.867	3.844	5
6	3.183	---	---	3.048	5.283	6.784	5.818	4.885	4.388	3.874	3.880	3.858	6
7	3.240	---	3.080	3.088	5.484	6.838	5.733	4.868	4.388	3.848	3.873	3.882	7
8	---	---	2.827	3.071	5.734	6.813	5.838	4.827	4.288	3.834	3.841	3.832	8
9	3.282	3.881	2.830	3.088	5.821	6.808	5.874	4.838	4.244	3.818	3.881	3.848	9
10	---	---	2.818	3.093	6.088	6.844	5.871	4.811	4.222	3.814	3.884	3.841	10
11	---	---	2.808	3.120	6.282	6.888	5.488	4.781	4.203	3.888	3.887	3.887	11
12	---	3.484	2.858	3.127	6.817	6.888	5.483	4.728	4.173	3.805	4.080	3.881	12
13	3.248	---	2.839	3.181	6.482	6.847	5.488	4.677	4.127	3.852	4.088	3.838	13
14	---	---	2.847	3.178	6.318	6.883	5.434	4.881	4.122	3.848	4.011	3.837	14
15	---	3.484	2.858	3.237	6.184	6.874	5.488	4.867	4.128	3.831	3.980	3.882	15
16	3.180	---	2.867	3.288	6.037	7.218	5.884	4.867	4.120	3.820	3.883	3.848	16
17	3.088	---	2.888	3.282	6.030	7.388	5.848	4.787	4.108	3.874	3.882	3.822	17
18	3.070	3.338	2.887	3.448	6.088	7.302	5.888	4.787	4.082	3.884	3.884	3.818	18
19	3.118	3.307	2.914	3.511	6.188	7.043	5.803	4.888	4.072	3.828	3.874	3.874	19
20	3.071	3.310	2.918	3.478	6.124	6.787	5.428	4.841	4.018	3.801	3.882	3.383	20
21	3.080	---	2.823	3.588	5.883	6.888	5.388	4.887	3.984	3.814	3.884	3.372	21
22	3.071	3.308	2.848	3.818	5.887	6.227	5.220	4.743	3.940	3.808	3.880	3.288	22
23	3.080	3.308	2.850	3.871	5.851	6.283	5.288	5.081	3.910	3.833	3.888	3.324	23
24	---	3.328	2.850	4.088	5.888	6.184	5.208	5.113	3.883	3.888	3.780	3.347	24
25	---	3.342	2.882	4.007	5.872	6.143	5.078	4.878	3.888	3.841	3.772	3.3818	25
26	---	3.343	2.878	4.077	5.888	6.118	5.010	4.888	3.877	3.710	3.770	3.414	26
27	3.033	3.348	2.880	4.148	5.878	6.081	4.938	4.788	3.881	3.732	3.784	3.474	27
28	3.044	---	2.888	4.217	5.878	6.138	4.881	4.781	3.884	3.713	3.871	3.488	28
29	3.042		3.000	4.248	5.788	6.148	4.818	4.832	3.844	3.888	3.884	3.482	29
30	3.040		2.888	4.401	5.713	6.012	4.828	4.848	3.841	3.858	3.888	3.424	30
31	3.047		3.021		5.747		4.908	4.812		3.832		3.402	31
MEAN	---	---	---	3.482	5.741	6.888	5.442	4.782	4.128	3.837	3.785	3.814	MEAN
MAX	---	---	---	4.401	6.817	7.388	5.838	5.113	4.481	3.880	4.080	3.882	MAX
MIN	---	---	---	3.030	4.867	6.878	4.881	4.812	3.841	3.801	3.888	3.288	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 7.388 ON JUN 17
MINIMUM DAILY, 2.818 ON MAR 19

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 40 53 N
LONG 120 20 58 W

E - ESTIMATED

NATURAL FLOW

DRAINAGE AREA, 37 800 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 338.280 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

THOMPSON RIVER NEAR SPENCES BRIDGE - STATION NO. 08LF061

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	238	2068	187	208	783	1 820	1 880	841	788	440	380	417	1
2	234	2028	185	207	844	1 700	1 810	843	747	438A	373	414	2
3	236	1978	183	206	887	1 610	1 800	838	738	436A	371	411	3
4	237	1948	182	209	1 080	1 610	1 670	854	735	418A	368	438	4
5	239	1908	182	211	1 180	2 000	1 880	974	702	407A	370	487	5
6	237	1878	181	215	1 340	2 070	1 830	974	887	388A	377	434	6
7	235	1878	180	218	1 340	2 130	1 800	954	874	387A	380	431	7
8	231	1888	181	225	1 480	2 180	1 480	938	858	377A	388	414	8
9	226	1888	184	227	1 580	2 200	1 410	928	840	371A	388	406	9
10	226	1888	187	226	1 680	2 180	1 380	910	822	368A	438	401	10
11	217	1868	188	231	1 770	2 180	1 370	887	811	388A	480	384	11
12	222	1858	190	236	1 880	2 180	1 330	881	888	384A	481	388	12
13	228	1878	181	243	1 850	2 180	1 320	884	886	382A	487	381	13
14	226	188	182	262	1 830	2 180	1 310	837	872	388A	807	373	14
15	228	190	180	285	1 850	2 210	1 310	838	883	387A	812	388A	15
16	231	188	189	283	1 780	2 280	1 330	831	889	388A	809	388A	16
17	231	186	188	283	1 740	2 410	1 380	845	888	388A	801	381A	17
18	230	187	187	310	1 720	2 430	1 380	883	890	389A	482	384A	18
19	228	184	186	336	1 780	2 380	1 380	881	846	381A	486	381A	19
20	230	186	186	382	1 780	2 310	1 330	843	828	348A	489	340A	20
21	228	185	188	388	1 720	2 070	1 280	836	823	348E	487	338A	21
22	227	187	188	411	1 680	1 880	1 240	838	808	343E	481	313A	22
23	223	187	188	444	1 610	1 800	1 230	883	484	338A	480	308A	23
24	220	189	190	484	1 680	1 790	1 180	877	483	341	487	307A	24
25	216	191	192	521	1 820	1 780	1 130	1 010	474	350	487	312A	25
26	216	191	194	880	1 800	1 730	1 070	888	488	380	488	318A	26
27	217	193	197	674	1 800	1 710	1 020	844	481	388	444	320A	27
28	214	181	198	802	1 830	1 710	880	801	488	378	441	328A	28
30	218		203	838	1 880	1 720	888	888	482	388	431	327A	29
31	217		204	881	1 880	1 700	883	838	447	388	433	328A	30
					1 870		847	788		384		324A	31
TOTAL	7 018	5 308	5 884	10 287	47 474	60 470	40 818	27 887	17 388	11 888	13 288	11 408	TOTAL
MEAN	228	190	189	343	1 830	2 020	1 310	900	880	374	443	388	MEAN
MAX	239	208	204	881	1 880	2 430	1 880	1 010	788	440	812	487	MAX
MIN	214	188	180	208	783	1 830	847	788	447	338	388	308	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 788
MAXIMUM DAILY, 2 430 ON JUN 18
MINIMUM DAILY, 180 ON MAR 7
MAXIMUM INSTANTANEOUS,
2 440 AT 22:85 PST ON JUN 17

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 21 35 N
LONG 121 23 38 W
DRAINAGE AREA, 54 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	808 000	JUL	3 810 000
FEB	488 000	AUG	2 410 000
MAR	807 000	SEP	1 800 000
APR	887 000	OCT	1 000 000
MAY	4 100 000	NOV	1 180 000
JUN	5 220 000	DEC	885 000

TOTAL DISCHARGE, 33 300 000 dam³

TOAD RIVER ABOVE HONDA CREEK - STATION NO. 10BE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.8 B	8.808	7.788	7.678	31.08	188	108	70.8	81.2	48.1	17.8	15.3	1
2	11.0 B	8.008	7.678	7.808	38.8E	186	102	73.0	48.8	46.3	22.8	14.8	2
3	10.8 B	8.258	7.808	7.808	43.0A	182	106	77.7	48.8	46.3	22.4	14.8	3
4	10.1 B	8.408	7.408	7.808	60.0A	178	118	78.7	48.0	43.8	22.4	14.8	4
5	9.858	8.708	7.408	7.808	88.0E	213	110	72.4	44.3	43.2	21.4	14.0	5
6	9.258	8.808	7.388	7.808	74.8E	181	108	72.2	42.8	42.7	18.7	14.1	6
7	9.308	8.858	7.308	7.708	88.8A	180	112	76.2	41.8	41.8	18.1	13.1	7
8	9.408	8.108	7.308	7.408	85.1	188	107	78.7	41.8	40.8	16.1	13.38	8
9	9.708	8.208	7.358	8.858	77.8	183	104	74.8	41.3	38.8	15.38	13.1	9
10	10.4 B	8.408	7.208	8.408	78.7	188	101	74.8	38.7	38.4	15.18	13.8	10
11	10.7 B	8.458	7.858	8.708	82.8	188	97.3	85.8	40.7	38.8	14.88	13.2	11
12	10.8 B	8.508	7.008	8.158	88.3	181	81.1	88.7	40.4	38.4	14.38	13.4	12
13	10.2 B	8.408	7.858	8.008	88.8	204	88.8	82.8	38.8	33.8	14.8	13.8	13
14	10.3 B	8.158	7.308	10.1 B	88.4	182	88.8	81.8	42.3	33.8	14.8	13.8	14
15	10.2 B	8.408	7.808	10.8 B	81.8	178	83.7	82.8	43.2	28.7	15.8	13.2	15
16	10.1 B	8.508	7.358	11.4 B	80.8	147	80.3	78.8	41.8	35.8	15.8	13.2	16
17	10.0 B	8.408	7.008	11.8 B	88.8	128	78.8	78.2	40.8	37.1	16.8	13.2	17
18	10.2 B	8.408	8.808	12.2 B	83.1	114	74.1	71.8	38.8	38.8	20.8	13.2	18
19	10.1 B	8.808	8.858	13.1 B	80.7	108	78.4	71.2	37.7	38.4	18.8	11.88	19
20	10.3 B	8.708	7.208	14.2 B	88.4	108	88.4	88.8	37.8	37.4	18.2	11.88	20
21	10.3 B	8.408	7.808	15.2 B	84.8	108	84.3	87.8	43.8	37.8	18.7	11.28	21
22	10.8 B	8.488	7.808	18.1 B	88.4	108	83.7	88.4	44.3	37.8	18.8	10.8	22
23	8.948	8.408	7.808	17.1 B	88.8	104	78.8	88.8	88.3	36.8	15.8	10.8	23
24	10.1 B	8.808	7.758	18.8 B	47.8	110	73.3	78.1	84.3	33.8	15.8	13.1	24
25	10.8 B	8.308	7.858	18.8 B	47.8	118	73.4	88.3	82.8	33.8	16.1	13.1	25
26	11.2 B	8.408	7.808	20.8 B	88.1	188	88.3	87.4	88.8	32.7	14.8	12.4	26
27	11.8 B	8.408	7.888	21.7 B	81.8	188	88.4	88.1	88.2	18.7	13.8	12.1	27
28	11.8 B	8.208	7.878	23.8 B	82.8	137	84.3	81.1	80.8	20.8	18.4	11.7	28
28	8.808		7.838	25.8 B	88.8	133	89.8	88.1	48.8	32.1	18.1	11.8	29
30	8.308		7.888	27.7 B	81.8	118	78.8	88.8	48.4	31.8	18.7	11.8	30
31	8.708		7.838		131		88.8	83.2		18.8		11.2	31
TOTAL	318.18	248.88	230.78	383.87	1 788.2	4 431	2 711.1	2 234.8	1 387.3	988.8	807.8	381.8	TOTAL
MEAN	10.3	8.82	7.44	13.1	88.8	148	87.8	72.1	46.2	31.8	18.8	12.8	MEAN
MAX	11.8	8.78	7.88	27.7	131	213	118	88.7	84.3	48.1	22.8	18.2	MAX
MIN	8.78	8.28	8.88	7.88	31.8	188	84.3	83.2	37.8	18.7	13.8	18.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 42.8
MAXIMUM DAILY, 213 ON JUN 8
MINIMUM DAILY, 8.888 ON MAR 18
MAXIMUM INSTANTANEOUS,
220 AT 14:18 PST ON JUN 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 81 20 N
LONG 128 22 88 W
DRAINAGE AREA, 2 878 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	27 200	JUL	234 000
FEB	21 600	AUG	193 000
MAR	18 800	SEP	120 000
APR	34 000	OCT	88 100
MAY	158 000	NOV	63 800
JUN	383 000	DEC	33 800

TOTAL DISCHARGE, 1 350 000 dam³

TOAD RIVER NEAR THE MOUTH - STATION NO. 1092010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1968

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.98	13.98	17.28	16.98	86.0B	444	344	170E	174E	119	80.98	29.68	1
2	15.98	14.28	17.78	16.98	134	441	233	182E	188E	115	80.08	29.08	2
3	15.68	14.48	17.98	16.28	181	388	243	208E	183E	112	59.78	27.88	3
4	15.18	14.98	18.08	15.18	183	427	282A	220E	188E	114	56.68	27.28	4
5	14.68	15.18	17.98	15.08	204	535	284E	206E	180E	114	57.58	26.48	5
6	14.08	15.08	17.28	15.18	224	471	277E	198E	165E	108	55.28	25.68	6
7	14.18	14.78	16.08	15.38	226	385	260E	205E	163A	106	52.68	26.38	7
8	14.28	14.68	15.98	15.98	234	388	263E	218E	143	109	48.68	24.78	8
9	14.68	15.28	15.08	15.88	247	436	248E	208E	141	107	45.38	24.28	9
10	14.08	15.38	15.08	17.68	278	410	238E	207E	144	105	43.78	23.68	10
11	15.28	15.48	15.48	18.28	240	410	228E	218E	148	94.8	43.08	22.18	11
12	15.28	15.78	15.18	18.08	213	419	217E	232E	156	92.8	41.68	23.68	12
13	15.08	16.08	15.08	20.08	181	462	208E	272E	147	91.0	40.68	26.08	13
14	14.98	16.28	15.68	21.08	173	436	202E	283E	138	88.6	40.68	26.08	14
15	15.18	16.08	15.88	22.08	178 A	404	198E	262E	134	85.3	40.08	26.08	15
16	14.88	15.88	15.98	23.48	182 E	314	182E	250E	138	81.4	40.88	24.68	16
17	14.68	15.88	15.28	24.28	133 E	286	163E	236E	133	86.4	41.38	24.08	17
18	14.68	15.88	14.88	25.88	130 A	233	178E	230E	133	88.3	41.68	23.88	18
19	14.68	16.18	14.78	26.68	124	214	192E	224E	114	88.8	40.68	23.38	19
20	14.88	16.38	14.88	28.08	119	228	230E	226E	110	88.3	39.68	22.68	20
21	14.48	16.88	15.48	30.28	116	240	218E	210E	111	103	37.68	22.38	21
22	14.38	17.18	16.08	32.48	108	238	206E	200E	114	95.6	36.38	21.68	22
23	14.68	17.38	16.38	36.08	104	241	186E	186E	137	85.0	35.08	21.88	23
24	15.08	17.18	16.88	37.68	104	245	176E	185E	185	76.3	33.08	22.48	24
25	15.88	17.08	16.78	41.08	107	256	171E	212E	182	77.6	30.08	23.28	25
26	15.88	15.88	16.28	45.88	118	407	188E	234E	141	75.8	28.88	23.48	26
27	16.38	17.18	16.88	50.08	120	486	186E	210E	138	88.0	26.88	23.38	27
28	15.88	17.28	15.78	55.08	118	380	182E	200E	131	86.0	28.68	23.08	28
29	15.18		15.78	64.08	138	282	188E	188E	130	87.08	31.28	22.88	29
30	14.08		16.18	74.08	306	286	180E	184E	126	86.08	30.68	22.48	30
31	13.88		16.88		388		180E	182E		84.88		22.08	31
TOTAL	462.1	442.8	498.8	858.3	5 238.0	10 867	8 646	8 628	4 200	2 873.4	1 271.4	781.8	TOTAL
MEAN	14.9	15.8	16.1	28.8	169	386	311	214	140	93.7	42.4	24.3	MEAN
MAX	15.9	17.3	18.0	74.0	388	535	284	272	174	119	80.8	29.8	MAX
MIN	13.8	13.8	14.8	15.0	86.0	214	182	170	110	84.8	26.8	21.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 111
MAXIMUM DAILY, 535 ON JUN 5
MINIMUM DAILY, 13.88 ON JAN 31
MAXIMUM INSTANTANEOUS,
532 AT 16:40 PST ON JUN 26

SUMMARY FOR THE YEAR 1968

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 11 16 N
LONG 134 42 06 W
DRAINAGE AREA, 9 600 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	39 800	JUL	595 000
FEB	38 200	AUG	573 000
MAR	43 100	SEP	363 000
APR	74 200	OCT	248 000
MAY	452 000	NOV	110 000
JUN	931 000	DEC	85 000

TOTAL DISCHARGE, 3 480 000 dam³

TOD CREEK BELOW PROSPECT LAKE - STATION NO. 08HA054

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.382	0.011	0.003	0.001	0.008	0.001	---	---	---	1
2	---	---	---	0.356	0.012	0.003	0.001	0.006	0.001	---	---	---	2
3	---	---	---	0.356	0.010	0.003	0.001	0.003	0.001	---	---	---	3
4	---	---	---	0.330	0.007	0.003	0.001	0.003	0.001	---	---	---	4
5	---	---	---	0.637	0.007	0.002	0	0.003	0.001	---	---	---	5
6	---	---	---	0.848	0.010	0.003	0	0.001	0	---	---	---	6
7	---	---	---	0.844	0.013	0.002	0	0.001	0	---	---	---	7
8	---	---	---	0.695	0.010	0.002	0	0	0	---	---	---	8
9	---	---	---	0.503	0.008	0.002	0	0	0	---	---	---	9
10	---	---	---	0.437	0.008	0.001	0	0.001	0	---	---	---	10
11	---	---	---	0.382	0.004	0.001	0	0.001	0	---	---	---	11
12	---	---	---	0.344	0.004	0.001	0	0.001	0	---	---	---	12
13	---	---	---	0.324	0.004	0.001	0	0.001	0	---	---	---	13
14	---	---	---	0.318	0.003	0.001	0	0.001	0	---	---	---	14
15	---	---	---	0.293	0.003	0.001	0	0.024	0	---	---	---	15
16	---	---	---	0.356	0.003	0.001	0	0.034	0	---	---	---	16
17	---	---	---	0.356	0.012	0.001	0	0.024	0	0	---	---	17
18	---	---	---	0.286	0.003	0.001	0.007	0.020	0	---	---	---	18
19	---	---	---	0.244	0.003	0.002	0.003	0.018	0	---	---	---	19
20	---	---	---	0.242	0.003	0.001	0.008	0.018	0	---	---	---	20
21	---	---	---	0.232	0.003	0.001	0.008	0.020	0	---	---	---	21
22	---	---	---	0.338	0.011	0.001	0.007	0.020	0	---	---	---	22
23	---	---	---	0.333	0.003	0.001	0.007	0.018	0	---	---	---	23
24	---	---	---	0.232	0.003	0.001	0.007	0.017	0	---	---	---	24
25	---	---	---	0.031	0.003	0.001	0.008	0.013	0	---	---	---	25
26	---	---	---	0.028	0.003	0.001	0.006	0.013	0	---	---	---	26
27	---	---	---	0.023	0.006	0	0.008	0.008	0	---	---	---	27
28	---	---	0.300	0.023	0.011	0.002	0.008	0.006	0	---	---	---	28
29	---		---	0.020	0.006	0.001	0.008	0.003	0	---	---	---	29
30	---		---	0.020	0.003	0.001	0.006	0.002	0	---	---	---	30
31	---		---		0.003		0.006	0.002		---		---	31
TOTAL	---	---	---	8.497	0.182	0.044	0.093	0.274	0.005	---	---	---	TOTAL
MEAN	---	---	---	0.283	0.008	0.001	0.003	0.008	0	---	---	---	MEAN
MAX	---	---	---	0.848	0.013	0.003	0.008	0.024	0.001	---	---	---	MAX
MIN	---	---	---	0.020	0.003	0	0	0	0	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON JUN 27

SUMMARY FOR THE YEAR 1969

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 31 20 N
LONG 123 28 19 W
DRAINAGE AREA, 5.65 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	8.04
FEB	---	AUG	23.7
MAR	---	SEP	0.43
APR	734	OCT	---
MAY	16.6	NOV	---
JUN	3.80	DEC	---

TREPANIER CREEK NEAR PEACHLAND - STATION NO. 08NM041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1388	0.1008	0.136	0.180	4.05	3.18	0.732	0.218	0.195	0.150	0.180	0.175	1
2	0.1388	0.0838	0.136	0.186	4.46	3.06	0.767	0.243	0.229	0.152	0.181	0.186	2
3	0.1378	0.0688	0.136	0.186	4.73	2.76	0.698	0.243	0.234	0.152	0.201	0.184	3
4	0.1388	0.0808	0.136	0.187	4.86	2.37	0.598	0.233	0.210	0.152	0.277	0.181	4
5	0.1388	0.0948	0.138	0.238	5.55	2.13	0.527	0.224	0.189	0.153	0.274	0.183	5
6	0.1348	0.0968	0.135	0.274	5.43	1.95	0.488	0.214	0.193	0.151	0.247	0.188	6
7	0.1338	0.1028	0.134	0.294	7.38	1.77	0.452	0.210	0.181	0.150	0.232	0.188	7
8	0.1348	0.1048	0.131	0.294	7.22	1.62	0.418	0.206	0.184	0.149	0.214	0.193	8
9	0.1338	0.1078	0.133	0.301	7.17	1.48	0.408	0.204	0.181	0.147	0.208	0.188	9
10	0.1328	0.1078	0.137	0.302	6.87	1.33	0.474	0.197	0.178	0.147	0.254	0.183	10
11	0.1318	0.1088	0.141	0.317	6.34	1.24	0.480	0.182	0.178	0.152	0.383	0.113	11
12	0.1328	0.1038	0.144	0.348	6.07	1.13	0.427	0.178	0.178	0.150	0.337	0.206	12
13	0.1308	0.1038	0.144	0.400	3.52	1.03	0.402	0.188	0.174	0.148	0.298	0.198	13
14	0.1288	0.1038	0.145	0.480	3.28	1.04	0.398	0.203	0.170	0.151	0.284	0.187	14
15	0.1288	0.1078	0.141	0.811	3.11	1.07	0.485	0.242	0.183	0.153	0.237	0.182	15
16	0.1338	0.1128	0.133	0.700	3.08	0.978	0.507	0.306	0.188	0.147	0.222	0.175	16
17	0.1348	0.1148	0.138	0.739	3.26	0.874	0.488	0.307	0.183	0.147	0.220	0.174	17
18	0.1318	0.1188	0.136	0.828	3.26	0.818	0.448	0.272	0.181	0.148	0.238	0.120	18
19	0.1288	0.1228	0.136	1.13	3.83	0.800	0.407	0.282	0.188	0.148	0.288	0.189	19
20	0.1308	0.1288	0.138	1.48	3.84	0.780	0.371	0.339	0.188	0.148	0.284	0.182	20
21	0.1318	0.1308	0.140	1.87	3.31	0.887	0.343	0.234	0.188	0.150	0.258	0.171	21
22	0.1278	0.1328	0.155	1.35	3.14	0.868	0.328	0.227	0.188	0.148	0.214	0.173	22
23	0.1228	0.1388	0.164	1.23	3.25	0.831	0.318	0.217	0.183	0.164	0.232	0.178	23
24	0.1178	0.1408	0.151	1.38	2.34	0.586	0.298	0.208	0.182	0.228	0.234	0.188	24
25	0.1168	0.1428	0.177	1.60	2.26	0.884	0.284	0.204	0.183	0.189	0.294	0.185	25
26	0.1228	0.139A	0.183	1.68	2.28	0.884	0.272	0.208	0.188	0.217	0.300	0.183	26
27	0.1248	0.138	0.182	1.68	3.14	0.832	0.278	0.204	0.188	0.233	0.184	0.188	27
28	0.1268	0.138	0.187	1.67	4.18	0.807	0.288	0.207	0.183	0.180	0.182	0.170	28
29	0.1288		0.182	2.77	3.50	0.813	0.248	0.208	0.184	0.177	0.183	0.181	29
30	0.1248		0.188	3.48	3.25	0.588	0.238	0.188	0.181	0.171	0.183	0.183	30
31	0.1188		0.181		3.27		0.228	0.201		0.183		0.188	31
TOTAL	4.008	3.178	4.686	28.035	124.21	37.170	13.082	6.874	5.183	5.030	7.187	5.378	TOTAL
MEAN	0.129	0.114	0.151	0.935	4.01	1.24	0.421	0.222	0.173	0.162	0.229	0.174	MEAN
MAX	0.138	0.142	0.187	3.48	7.38	3.18	0.767	0.307	0.229	0.233	0.383	0.206	MAX
MIN	0.116	0.082	0.131	0.180	2.14	0.807	0.228	0.178	0.181	0.147	0.180	0.112	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.888
MAXIMUM DAILY, 7.38 ON MAY 7
MINIMUM DAILY, 0.0828 ON FEB 2
MAXIMUM INSTANTANEOUS,
8.04 AT 23:40 PST ON MAY 7

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 49 33 N
LONG 119 47 13 W
DRAINAGE AREA, 179 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1988

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	348	JUL	1 130
FEB	278	AUG	894
MAR	405	SEP	448
APR	2 430	OCT	436
MAY	10 790	NOV	518
JUN	3 210	DEC	466

TOTAL DISCHARGE, 21 000 dam³

TRINITY CREEK NEAR THE MOUTH - STATION NO 08LC050

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	5.08	2.80	1.10	0.288	0.345	---	---	---	1
2	---	---	---	---	5.58	2.84	1.10	0.370	0.370	---	---	---	2
3	---	---	---	---	5.58	2.73	0.840	0.450	0.448	---	---	---	3
4	---	---	---	---	5.32	2.54	0.670	0.410	0.480	---	---	---	4
5	---	---	---	1.88	5.32	2.37	0.788	0.370	0.510	---	---	---	5
6	---	---	---	2.84	5.58	2.20	0.730	0.330	0.480	---	---	---	6
7	---	---	---	2.88	4.28	2.04	0.680	0.285	0.430	---	---	---	7
8	---	---	---	3.14	5.58	1.82	0.630	0.295	0.385	---	---	---	8
9	---	---	---	3.02	5.45	1.78	0.630	0.388	0.360	---	---	---	9
10	---	---	---	2.84	5.45	1.81	0.600	0.280	0.330	---	---	---	10
11	---	---	---	2.98	6.43	1.48	0.630	0.248	0.320	---	---	---	11
12	---	---	---	3.28	6.12	1.33	0.600	0.278	0.320	---	---	---	12
13	---	---	---	3.68	4.16	1.24	0.570	0.278	0.310	---	---	---	13
14	---	---	---	4.73	3.60	1.37	0.570	0.320	0.300	---	---	---	14
15	---	---	---	6.38	3.30	2.41	0.630	0.358	0.295	---	---	---	15
16	---	---	---	6.43	3.02	1.71	1.10	0.380	0.280	---	---	---	16
17	---	---	---	6.58	3.06	1.42	0.638	0.480	0.270	---	---	---	17
18	---	---	---	6.03	4.08	1.33	0.688	0.420	0.270	---	---	---	18
19	---	---	---	4.83	3.62	1.33	0.880	0.370	0.280	---	---	---	19
20	---	---	---	5.58	3.50	1.41	0.800	0.348	0.248	---	---	---	20
21	---	---	---	5.85	3.16	1.28	0.940	0.330	0.245	---	---	---	21
22	---	---	---	6.01	3.08	1.18	0.488	0.330	0.258	---	---	---	22
23	---	---	---	6.06	3.02	1.18	0.480	0.370	0.230	---	---	---	23
24	---	---	---	6.84	3.88	1.03	0.420	0.320	0.220	---	---	---	24
25	---	---	---	6.18	4.03	0.980	0.388	0.288	0.213	---	---	---	25
26	---	---	---	3.88	3.88	0.9508	0.388	0.280	0.213	---	---	---	26
27	---	---	---	3.88	3.38	0.9338	0.388	0.270	0.213	---	---	---	27
28	---	---	---	4.18	3.38	0.9138	0.430	0.280	0.204	---	---	---	28
29	---	---	---	4.18	3.03	0.8818	0.348	0.280	0.200	---	---	---	29
30	---	---	---	6.84	2.80	0.870	0.330	0.248	0.180	---	---	---	30
31	---	---	---		2.80		0.310	0.288		---	---	---	31
TOTAL	---	---	---	---	131.32	47.883	19.378	10.130	8.383	---	---	---	TOTAL
MEAN	---	---	---	---	4.24	1.60	0.625	0.327	0.312	---	---	---	MEAN
MAX	---	---	---	---	6.43	3.80	1.10	0.480	0.648	---	---	---	MAX
MIN	---	---	---	---	2.80	0.870	0.310	0.248	0.180	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 6.85 ON APR 21

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 33 01 N
LONG 118 53 09 W
DRAINAGE AREA, 191 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 670
FEB	---	AUG	875
MAR	---	SEP	806
APR	---	OCT	---
MAY	11 300	NOV	---
JUN	4 180	DEC	---

TROUT RIVER AT KILOMETRE 783.7 ALASKA HIGHWAY - STATION NO. 10BE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.1 B	5.858	5.808	6.828	11.8E	38.4	31.1	22.1	18.0E	15.8	10.6	9.858	1
2	10.2 B	5.008	5.668	6.608	12.1E	40.5	31.1	21.9	17.8E	15.5	10.2 B	9.80E	2
3	10.1 B	5.058	5.708	6.508	12.8A	40.6	31.0	21.2	17.1E	15.3	10.7	9.80E	3
4	9.708	5.048	5.778	6.458	13.5	42.1	30.7	21.1	16.4E	15.7	10.8	9.708	4
5	9.458	5.138	5.838	6.558	15.4	45.5	30.2	20.8	16.7E	15.4	10.8	9.808	5
6	9.158	5.228	5.828	6.808	17.2	44.8	29.9	21.3	16.2E	15.2	10.8	9.908	6
7	8.908	5.238	5.788	7.008	18.0	43.8	29.6	20.5	14.8E	15.0	10.6	9.308	7
8	7.808	5.208	5.688	7.388	21.1	43.7	29.0	21.1	14.5E	14.8	10.5 B	9.208	8
9	7.358	5.208	5.888	7.558	22.6	42.7	28.4	21.7	14.4E	14.8	10.5 B	9.108	9
10	7.308	5.278	5.758	7.858	23.9	41.6	28.2	21.8	14.2E	14.6	10.5 B	9.058	10
11	7.358	5.308	5.638	8.108	24.3	41.5	27.4	23.1	14.4A	14.4	9.888	9.108	11
12	7.388	5.258	5.828	8.158	24.5	41.2	26.7	22.9	14.8	14.1	9.808	9.158	12
13	7.40E	5.078	5.858	8.258	23.8	41.5	26.1	23.2	14.4	13.8	9.758	9.12A	13
14	7.008	5.038	5.888	8.808	23.6	42.0	25.4	22.8	14.3	13.8	9.778	8.85	14
15	8.758	5.048	5.008	8.808	24.3	40.9	24.8	23.0	14.3	13.1	9.808	8.21	15
16	8.708	5.078	5.958	8.708	25.2	38.8	24.3	23.0	14.3	12.7	9.858	8.12	16
17	8.858	5.108	5.908	8.958	25.6	37.1	23.6	22.8	14.0	12.6	10.1 B	8.008	17
18	8.878	5.208	5.958	9.308	26.9	36.0	23.6	23.1	13.8	12.8	10.3 E	7.908	18
19	8.708	5.258	5.078	9.408	26.8	36.1	23.3	22.8	13.8	12.8	10.2 B	7.808	19
20	8.808	5.358	8.208	9.258	28.1	34.2	23.3	22.9	13.8	12.7	10.1 B	7.858	20
21	8.588	5.408	8.238	9.158	28.4	33.4	23.0	23.8A	14.0	12.6	10.0 B	7.608	21
22	8.558	5.438	8.218	9.258	28.4	32.8	22.6	22.1E	14.2	12.6	9.908	7.408	22
23	8.608	5.428	8.178	9.80E	26.6	32.1	22.6	20.8E	15.3	11.9	9.778	7.458	23
24	8.808	5.308	8.008	9.80E	26.6	31.6	22.8	21.2E	16.2	11.7	9.708	7.858	24
25	8.958	5.208	8.808	10.0 E	27.1	31.3	22.8	21.7E	16.6	11.6	9.858	8.208	25
26	7.008	5.188	5.758	10.2 E	28.0	33.7	22.6	21.8E	16.3	11.3	9.708	8.208	26
27	6.908	5.188	5.608	10.3 E	27.7	33.8	22.3	21.2E	16.4	10.8	9.608	8.108	27
28	6.508	5.108	5.908	10.6 E	27.6	33.3	21.9	20.5E	16.1	10.7	9.858	7.88	28
29	6.058		5.208	10.9 E	29.2	32.7	21.9	20.0E	16.6	10.8	9.878	7.88	29
30	5.858		5.408	11.2 E	31.8	32.4	22.0	19.4E	16.4	10.8	10.0 B	7.58	30
31	5.808		5.578		37.2		21.8	18.8E		10.7		7.86	31
TOTAL	230.84	173.11	184.26	257.47	732.8	1 138.8	793.2	674.0	467.9	410.1	303.78	284.18	TOTAL
MEAN	7.44	6.18	5.94	8.58	23.6	36.0	25.6	21.7	15.3	13.2	10.1	8.52	MEAN
MAX	10.2	6.43	6.57	11.2	37.2	45.5	31.1	23.8	18.0	15.8	10.7	9.85	MAX
MIN	5.80	5.85	5.86	6.46	11.8	31.3	21.8	18.8	13.9	10.7	9.85	7.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.4
MAXIMUM DAILY, 45.5 ON JUN 5
MINIMUM DAILY, 5.668 ON MAR 2
MAXIMUM INSTANTANEOUS
48.5 AT 09:20 PST ON JUN 5

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 20 07 N
LONG 125 56 11 W
DRAINAGE AREA, 1 180 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	19 800	JUL	68 500
FEB	15 000	AUG	58 200
MAR	15 900	SEP	39 600
APR	22 200	OCT	35 400
MAY	63 300	NOV	26 200
JUN	98 400	DEC	22 800

TOTAL DISCHARGE, 485 000 dam³

TSABLE RIVER NEAR FANNY BAY - STATION NO. 08MB024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.47	8.07	3.03	5.76	11.9	8.45	7.21	1.88	0.594	0.310	2.72	4.26	1
2	3.15	5.109	2.68	5.50	11.1	9.83	5.79	1.72	0.580	0.305	2.35	33.7	2
3	16.4	3.708	2.41	4.35	8.94	5.61	4.86	1.38	0.589	0.288	2.82	32.4	3
4	10.3	3.228	2.32	3.76	10.6	13.5	5.48	1.01	0.531	0.350	3.70	23.5	4
5	8.73	2.908	5.17	4.59	11.4	8.86	4.29	0.871	0.507	0.470	2.71	12.2	5
6	5.05	2.628	7.08	28.5	13.4	8.84	3.61	0.789	0.477	0.458	2.76	8.84	6
7	4.15	2.388	5.97	16.9	12.3	8.01	3.26	0.784	0.447	0.405	2.72	18.3	7
8	3.61	2.208	5.10	8.37	10.5	5.35	2.82	0.881	0.417	0.385	2.81	18.1	8
9	3.26	2.038	4.16	6.71	8.82	4.82	2.45	0.819	0.396	0.370	25.8	8.27	9
10	2.83	1.948	9.47	8.10	8.08	5.18	2.23	1.26	0.381	0.360	8.98	6.85	10
11	2.54	1.848	21.7	7.73	6.80	4.87	1.94	1.18	0.338	0.662	6.81	5.18	11
12	3.71	1.788	14.5	6.58	5.11	4.75	1.89	0.825	0.302	1.35	5.18	4.26	12
13	8.19	1.898	8.84	5.33	4.97	5.77	1.65	0.736	0.288	0.865	4.26	3.70	13
14	6.82	1.808	7.18	5.44	4.44	5.30	1.74	2.13	0.284	0.708	3.44	3.44	14
15	4.08	1.678	5.86	5.58E	5.48	4.53	1.87	1.80	0.288	0.851	3.18	3.25	15
16	14.3	1.368	5.42	8.69	8.28	3.85	2.12	1.87	0.615	0.488	2.89	2.90	16
17	9.85	1.358	5.00	7.73	5.95	4.10	2.20	1.04	0.671	0.500	3.70	2.82	17
18	7.18	1.418	4.14	8.82	4.78	4.06	2.12	0.824	0.524	8.25	4.28	2.38	18
19	6.35	1.528	3.72	14.5	4.08	4.15	1.78	0.771	0.478	8.86	13.2	2.09	19
20	4.53	1.708	3.47	15.6	3.72	3.83	1.57	0.780	0.488	35.0	10.4	1.90	20
21	4.08	3.808	4.22	13.4	3.48	3.78	1.43	0.861	0.434	41.0	8.52	1.83	21
22	3.51	6.968	4.83	10.5	3.44	3.67	1.33	1.38	0.410	28.3	8.28	2.81	22
23	3.07	12.6	4.47	8.76	3.86	3.63	1.20	1.25	0.380	40.4	6.04	3.08	23
24	2.81	8.06	3.74	9.09	3.33	3.36	1.05	1.06	0.380	19.8	5.16	3.01	24
25	2.59	4.84	3.60	8.86	3.84	3.11	1.01	0.980	0.320	8.84	4.20	2.86	25
26	2.25	4.22	3.88	8.88	8.88	3.18	0.989	0.834	0.440	23.5	3.82	2.88	26
27	3.77	3.78	8.10	8.42	8.06	2.86	0.917	0.744	0.468	10.1	3.52	2.84	27
28	3.33	3.36	6.02	8.82	8.37	3.86	0.854	0.890	0.434	8.52	5.70	2.35	28
29	3.83		5.07	8.70	8.70	3.77	0.818	0.822	0.376	8.86	8.47	2.19	29
30	83.8		4.88	11.0	8.57	4.31	0.799	0.801	0.350	3.70	8.02	1.88	30
31	14.0		4.78		7.48		0.781	0.894		3.26		2.83	31
TOTAL	230.43	88.58	178.83	283.38	314.45	188.79	76.986	32.914	13.142	250.188	173.38	228.08	TOTAL
MEAN	7.11	3.57	5.78	9.44	8.83	8.29	2.48	1.06	0.438	8.07	5.78	7.36	MEAN
MAX	83.8	12.6	21.7	28.5	13.4	13.5	8.86	2.13	0.671	41.0	25.8	33.7	MAX
MIN	2.25	1.35	2.32	3.76	3.33	2.95	0.781	0.594	0.284	0.288	2.38	1.90	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.28
MAXIMUM DAILY, 83.8 ON JAN 30
MINIMUM DAILY, 0.284 ON SEP 16

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 31 03 N
LONG 124 50 30 W
DRAINAGE AREA, 113 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	19 000	JUL	5 850
FEB	8 520	AUG	3 410
MAR	15 400	SEP	1 140
APR	24 800	OCT	21 800
MAY	16 800	NOV	15 000
JUN	13 700	DEC	19 700

TOTAL DISCHARGE, 187 000 dam³

TSILCOH RIVER NEAR THE MOUTH - STATION NO. 08JE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4048	0.4088	0.4028	0.4388	30.3	1.01	0.270	0.195	0.232	0.235	0.487	0.5048	1
2	0.4038	0.4028	0.4008	0.4408	18.5	0.895	0.276	0.197	0.228	0.227	0.473	0.5148	2
3	0.4028	0.3958	0.4028	0.4428	18.3	0.784	0.272	0.185	0.223	0.232	0.488	0.5368	3
4	0.4008	0.3838	0.4128	0.4408	16.5	0.710	0.262	0.178	0.211	0.236	0.532	0.5828	4
5	0.3888	0.3938	0.4188	0.4378	14.6	0.627	0.295	0.179	0.213	0.249	0.533	0.6188	5
6	0.3948	0.3948	0.4248	0.4368	12.7	0.583	0.275	0.182	0.218	0.258	0.504	0.6088	6
7	0.3928	0.3988	0.4328	0.4408	10.9	0.488	0.264	0.173	0.280	0.314	0.478	0.5988	7
8	0.3908	0.3888	0.4378	0.4458	9.47	0.484	0.271	0.178	0.247	0.288	0.467	0.6248	8
9	0.3838	0.4018	0.4388	0.4708	8.23	0.469	0.284	0.178	0.207	0.269	0.510	0.6808	9
10	0.3888	0.4088	0.4388	0.8408	7.38	0.470	0.282	0.175	0.210	0.288	0.5808	0.7328	10
11	0.4028	0.4088	0.4368	0.7588	6.04	0.440	0.280	0.189	0.201	0.330	0.5888	0.6108	11
12	0.4128	0.4128	0.4408	1.05 B	5.23	0.445	0.277	0.186	0.211	0.322	0.5508	0.6328	12
13	0.4188	0.4168	0.4388	1.90 B	4.38	0.444	0.267	0.182	0.212	0.323	0.5068	0.6088	13
14	0.4108	0.4178	0.4388	3.00 B	3.78	0.425	0.248	0.185	0.218	0.322	0.5888	0.6928	14
15	0.4128	0.4148	0.4338	4.00 B	3.22	0.415	0.238	0.181	0.208	0.304	0.7008	0.6808	15
16	0.4188	0.4108	0.4288	4.70 B	2.83	0.433	0.227	0.202	0.211	0.302	0.6508	0.6808	16
17	0.4208	0.4108	0.4208	5.00 B	2.38	0.426	0.268	0.222	0.188	0.313	0.6208	0.6788	17
18	0.4228	0.4108	0.4158	5.18 B	2.30	0.382	0.368	0.207	0.183	0.328	0.6708	0.6828	18
19	0.4238	0.4128	0.4128	5.32 B	2.28	0.380	0.230	0.210	0.200	0.351	0.6408	0.6428	19
20	0.4228	0.4148	0.4088	5.80 B	2.18	0.390	0.223	0.212	0.207	0.381	0.8888	0.6328	20
21	0.4208	0.4188	0.4128	5.20 B	2.07	0.347	0.223	0.223	0.201	0.380	0.8488	0.6248	21
22	0.4178	0.4208	0.4208	5.40 B	2.03	0.343	0.218	0.232	0.208	0.381	0.8408	0.6388	22
23	0.4088	0.4238	0.4248	11.0 B	2.02	0.333	0.218	0.242	0.218	0.388	0.8588	0.6708	23
24	0.4098	0.4288	0.4288	15.5	1.88	0.345	0.218	0.248	0.228	0.387	0.8008	0.6188	24
25	0.4138	0.4288	0.4328	16.7	1.85	0.380	0.212	0.228	0.237	0.385	0.8508	0.6208	25
26	0.4188	0.4208	0.4348	17.5	1.78	0.359	0.212	0.230	0.243	0.389	0.8108	0.6008	26
27	0.4208	0.4148	0.4358	18.2	1.88	0.321	0.204	0.218	0.228	0.802	0.4828	1.05 B	27
28	0.4218	0.4088	0.4388	18.1	1.48	0.308	0.202	0.215	0.227	0.850	0.4888	1.40 B	28
29	0.4218		0.4378	20.0	1.30	0.267	0.198	0.233	0.283	0.828	0.4828	1.60 B	29
30	0.4198		0.4378	20.8	1.18	0.259	0.203	0.214	0.237	0.664	0.4978	1.52 B	30
31	0.4168		0.4388		1.01		0.199	0.232		0.838		1.42 B	31
TOTAL	12.710	11.484	13.207	184.138	180.72	13.887	7.738	6.212	6.572	10.815	18.808	31.188	TOTAL
MEAN	0.410	0.409	0.426	6.47	6.15	0.488	0.250	0.200	0.219	0.348	0.550	0.883	MEAN
MAX	0.423	0.428	0.440	20.8	30.3	1.01	0.389	0.248	0.282	0.829	0.700	1.80	MAX
MIN	0.380	0.383	0.400	0.438	1.01	0.287	0.188	0.182	0.188	0.227	0.467	0.424	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.38
MAXIMUM DAILY, 20.8 ON APR 30
MINIMUM DAILY, 0.182 ON AUG 13
MAXIMUM INSTANTANEOUS,
20.8 AT 10:34 PST ON APR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 38 38 N
LONG 124 16 40 W
DRAINAGE AREA, 414 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 100	JUL	889
FEB	990	AUG	537
MAR	1 140	SEP	568
APR	15 900	OCT	934
MAY	15 500	NOV	1 630
JUN	1 210	DEC	1 630

TOTAL DISCHARGE, 43 700 dam³

TSITIKA RIVER BELOW CATHERINE CREEK - STATION NO. 08HF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.58	28.5	5.63	13.8	45.0	28.5	10.1	2.88	1.88	1.11	8.81	22.6	1
2	8.88	17.8	4.888	14.8	38.8	27.1	12.4	3.48	1.83	1.08	8.52	137	2
3	22.1	13.0 B	4.488	12.8	34.1	27.5	12.8	3.77	1.78	1.02	83.3	143	3
4	34.2	11.0 B	4.28	11.2	34.7	27.0	11.8	3.47	1.78	1.02	88.2	188	4
5	15.1	8.508	4.47	11.7	45.7	24.4	11.7	3.25	1.71	1.10	32.6	42.8	5
6	10.7	8.908	5.84	42.7	51.7	19.1	11.4	3.01	1.83	1.13	34.0	28.4	6
7	8.37	8.208	5.84	40.6	41.0	16.5	9.16	2.78	1.44	1.13	32.6	33.6	7
8	7.20	7.308	5.83	22.8	34.3	14.3	7.80	2.80	1.43	1.11	137	48.1	8
9	8.84	8.808	7.87	16.7	28.8	14.1	8.82	2.81	1.41	1.11	344	28.6	9
10	8.30	8.408	11.8	14.3	20.8	13.0	8.38	2.40	1.40	1.78	108	21.1	10
11	8.13	8.008	25.9	25.4	15.8	14.2	6.59	2.45	1.24	4.80	38.1	18.8	11
12	25.9	8.808	27.7	23.1	13.5	15.0	5.30	2.38	1.28	18.1	53.9	14.3	12
13	30.1	8.308	17.8	26.7	12.3	16.2	6.10	2.28	1.28	11.1	18.8	13.8	13
14	16.0	8.158	12.8	43.1	13.9	22.4	5.88	2.28	1.21	8.30	16.8	12.6	14
15	11.6	4.88	10.1	34.1	18.3	16.4	5.04	2.26	1.18	8.28	15.2	11.8	15
16	38.1	4.78	8.08	21.8	21.5	11.1	5.19	2.17	1.15	4.57	18.3	10.4	16
17	46.8	4.52	8.53	17.1	18.2	9.48	5.89	2.15	1.13	7.81	24.1	9.51	17
18	28.1	4.38	7.83	21.8	13.8	8.40	5.58	2.11	1.13	52.8	30.0	8.82	18
19	18.4	4.27	7.31	34.4	11.8	8.35	5.02	2.07	1.12	42.4	78.7	8.11	19
20	30.8	4.10	7.04	83.1	10.8	8.88	4.40	2.40	1.08	81.7	41.4	7.41	20
21	27.4	4.37	8.02	48.3	8.71	9.01	3.98	5.84	1.08	74.4	27.3	11.8	21
22	16.5	11.8	11.0	30.0	8.88	12.0	3.87	8.84	1.08	42.8	18.8	17.4	22
23	13.7	14.8	10.4	28.7	10.1	13.1	3.73	5.78	1.08	83.8	22.8	28.7	23
24	11.8	11.3	8.08	23.0	10.4	12.8	3.46	4.28	1.04	37.8	24.3	23.8	24
25	10.3	8.71	8.28	27.8	10.5	12.8	3.37	3.41	1.03	28.8	18.8	18.3	25
26	17.1	7.18	8.72	32.8	18.8	10.4	3.33	2.86	1.14	47.2	18.1	17.1	26
27	33.4	8.32	11.2	32.7	20.2	8.02	3.27	2.84	1.38	28.8	13.8	17.8	27
28	22.8	8.12	18.8	30.8	18.8	7.84	3.17	2.40	1.32	18.4	42.8	18.7	28
29	82.3		12.8	41.1	20.8	8.84	2.89	2.32	1.28	11.8	81.2	14.4	29
30	184		10.2	48.8	23.8	7.57	2.86	2.08	1.18	13.4	28.8	23.3	30
31	71.8		11.8		28.7		2.83	1.88		12.8		28.1	31
TOTAL	833.48	237.07	311.33	875.8	700.38	444.13	182.82	85.14	38.44	590.28	1 478.43	890.85	TOTAL
MEAN	28.8	8.47	10.0	28.2	22.8	14.8	8.22	3.07	1.31	19.0	49.2	32.0	MEAN
MAX	184	28.8	27.7	83.1	51.7	28.5	12.8	8.84	1.88	74.4	344	188	MAX
MIN	8.13	4.10	4.28	11.2	8.88	8.84	2.83	1.88	1.03	1.02	8.52	7.41	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.8
MAXIMUM DAILY, 344 ON NOV 8
MINIMUM DAILY, 1.02 ON OCT 3
MAXIMUM INSTANTANEOUS,
477 AT 13:11 PST ON NOV 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 28 13 N
LONG 126 34 27 W
DRAINAGE AREA, 380 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	71 100	JUL	16 700
FEB	20 600	AUG	6 230
MAR	26 800	SEP	3 410
APR	75 600	OCT	51 000
MAY	80 600	NOV	126 000
JUN	38 400	DEC	88 800

TOTAL DISCHARGE, 886 000 dam³

TSOLUM RIVER NEAR COURTENAY - STATION NO. 08HB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.2	10.8	7.83	15.1	7.61	3.89	4.09 A	0.988A	0.379	0.152	3.78	7.16	1
2	10.2	7.008	8.378	18.5	7.04	3.67	5.89	1.89 A	0.372	0.152	3.17	29.7	2
3	15.3	5.708	8.838	12.3	5.89	3.26	6.95	1.67	0.344	0.152	3.28A	67.3	3
4	15.6	4.808	8.28	10.1	6.24	2.81	7.57	1.32	0.333	0.155	8.49A	61.6 A	4
5	12.2	4.208	13.8	15.8	7.84	2.26	6.80	1.04	0.318	0.154	5.64	34.5	5
6	8.21	3.858	17.7	33.8	7.56	1.98	4.95	0.843	0.282	0.158	5.48	22.5	6
7	7.28	3.428	14.4	31.5	6.59	1.82	3.63	0.711	0.282	0.158	4.46	27.3	7
8	6.63	3.238	14.7	18.6	5.88	1.47	3.35	0.611	0.261	0.156	4.91A	33.7	8
9	6.08	3.098	15.0	13.1	4.99	1.32	3.34	0.532	0.226	0.155	5.84	18.6	9
10	4.88	2.938	19.8	11.0	4.22	1.18	2.84	0.478	0.208	0.154	12.7	13.2	10
11	4.73	2.818	36.8	11.5	4.07	1.08	2.25	0.448	0.197	0.188E	8.81	9.88	11
12	11.8	2.728	47.8	11.6	3.30	1.00	1.83	0.448	0.188	0.178E	5.49	8.08	12
13	19.6	2.648	34.6	11.3	2.88	0.930	1.53	0.458	0.178	0.177E	5.48	8.68	13
14	11.9	2.558	25.8	13.0	2.67	0.857	1.33	0.449	0.175	0.176E	4.83	8.03	14
15	8.71	2.497	17.3	13.9	2.80	0.978	1.11	0.485	0.184	0.198E	4.08	8.32	15
16	10.3	2.418	14.2	9.80	3.08	0.984	1.08 A	0.447	0.188	0.222E	3.83	4.88	16
17	10.8	2.398	13.3	7.91	3.13	0.938	2.26 A	0.448	0.184	0.242E	3.74	4.24	17
18	10.2	2.388	11.3	8.11	3.40	0.940	2.41	0.448	0.187	0.284E	3.80	3.88	18
19	8.43	2.828	9.42	11.1	2.82	0.859	2.03	0.447	0.188	0.820E	5.14A	3.84	19
20	7.48	4.008	8.34	40.4	2.30	0.835	1.58	0.481	0.188	0.921E	8.03A	3.32	20
21	6.82	8.948	9.29	21.3	2.21	0.831	1.35	0.442	0.188	8.78	9.01	3.27	21
22	6.03	17.0 B	9.61	12.6	2.19	0.806	1.30	0.438	0.157	8.17	7.35	3.30	22
23	5.10	41.2	8.88	11.4	2.11	0.774	1.24	0.436	0.188	39.7	6.35	3.34	23
24	4.88	35.0	7.43	9.57	2.14	0.784	1.07	0.433	0.188	24.4	6.70	3.30	24
25	4.88	20.7	6.84	8.84	2.21	0.895	0.908	0.434	0.184	11.8	7.15	3.28	25
26	5.26	13.8	6.82	8.28	2.81	0.848	0.788	0.436	0.183	30.7	8.38	3.28	26
27	5.13	10.8	7.87	7.80	3.87	0.841	0.887	0.433	0.180	18.1	8.23	3.30	27
28	4.74	9.38	8.58	8.28	3.33	1.01	0.852	0.436	0.148	9.75	8.00	3.27	28
29	5.72		8.84	7.87	3.13	2.78	0.803	0.422	0.150	7.08	10.8	3.33	29
30	11.5		8.28	7.81	3.18	2.83 A	0.884	0.388	0.150	6.85	8.78	3.37	30
31	18.3		10.2		3.27		0.889	0.387		4.88		3.36	31
TOTAL	281.98	232.97	432.93	430.28	134.35	44.788	77.878	19.389	8.173	172.188	203.08	418.78	TOTAL
MEAN	9.10	8.32	14.0	14.0	4.01	1.48	2.51	0.625	0.308	5.55	6.77	13.5	MEAN
MAX	19.6	41.2	47.8	40.4	7.84	3.89	7.57	1.89	0.379	39.7	12.7	61.6	MAX
MIN	4.73	2.38	5.28	8.88	2.11	0.841	0.884	0.388	0.148	0.152	3.17	3.27	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.87
MAXIMUM DAILY, 61.8A ON DEC 4
MINIMUM DAILY, 0.148 ON SEP 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 42 28 N
LONG 125 00 41 W
DRAINAGE AREA, 289 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1964

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	24 400	JUL	8 710
FEB	20 100	AUG	1 880
MAR	37 400	SEP	833
APR	36 300	OCT	15 800
MAY	10 700	NOV	17 000
JUN	3 870	DEC	36 200

TOTAL DISCHARGE, 210 000 dam³

YULAMEEN RIVER AT PRINCETON - STATION NO. 08NL024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.188	3.308	3.608	4.84	88.2	128	33.8 E	4.12	3.85	2.21	4.68	14.2	1
2	4.208	3.508	3.128	4.84	107	186	31.0 E	5.47	8.08	2.24	4.88	13.6	2
3	4.228	3.458	3.408	4.82	111	141	19.0 E	7.42	6.45	2.23	5.45	19.3	3
4	4.208	3.958	3.558	4.80	118	130	16.8 E	6.57	5.89	2.19	20.1	83.3	4
5	4.008	3.058	3.728	5.27	128	135	16.2 E	4.73	5.68	2.14	15.8	75.5	5
6	3.908	3.188	3.808	8.77	137 A	127	13.8 E	4.17	5.40	2.11	12.8	53.6	6
7	3.808	3.258	3.908	11.7	150 E	108	12.8 E	3.87	4.88	2.13	12.2	42.2	7
8	3.858	3.508	3.858	12.7	188 E	102	12.2 E	3.91	4.45	2.11	11.8	38.8	8
9	3.708	3.658	3.988	11.7	158 E	89.8	12.3 E	4.88	4.08	2.08	81.0	34.0	9
10	3.808	3.458	4.008	12.0	139 A	78.6	12.8 E	4.02	3.88	2.14	228	29.6	10
11	4.108	4.028	3.988	13.4	108	70.8	11.4 E	3.88	3.73	4.84	108	24.3	11
12	4.228	4.228	3.988	16.8	84.8	72.9	10.2 E	3.38	3.47	10.7	85.3	28.8	12
13	4.408	4.408	3.858	22.2	73.2	88.6	9.83A	3.18	3.38	10.1	58.7	23.0	13
14	4.638	4.888	3.888	30.8	70.8	81.8	10.3	3.18	3.18	7.91	32.8	21.8	14
15	4.708	4.838	3.888	46.3	71.3	83.3A	11.8	3.38	2.94	8.88	28.8	20.1	15
16	4.838	4.788	3.688	53.8	8.4	87.0E	10.3	9.38	2.88	8.37	24.8	17.8	16
17	4.808	4.828	3.608	47.7	78.1	81.0E	9.78	8.80	2.77	4.88	22.4	17.8	17
18	4.708	4.808	3.728	48.8	88.1	48.0E	8.73	7.88	3.07	8.07	21.0	13.7	18
19	4.488	4.848	3.688	57.8	87.3	38.0E	7.88	8.21	2.80	7.38	27.4	18.2	19
20	4.408	4.988	3.788	84.0	80.7	34.0E	7.27	8.88	2.74	8.83	41.8	18.7	20
21	4.208	4.888	3.828	89.8	48.3	33.0E	8.88	8.88	2.84	8.36	88.2	16.4	21
22	3.988	4.888	3.828	81.3	48.0	33.8E	8.38	7.27	2.88	8.43	38.0	14.0	22
23	3.838	5.008	3.878	86.8	50.3	33.8E	8.83	6.42	2.43	8.88	31.8	13.8	23
24	3.868	4.988	4.188	83.8	48.3	34.0E	8.48	8.78	2.33	8.36	27.8	13.2	24
25	4.008	4.808	4.308	83.8	41.8	31.8E	8.18	8.38	2.27	8.88	24.4	12.8	25
26	4.228	4.708	4.808	81.8	43.3	28.8E	4.82	8.17	2.42	7.81	21.8	12.2	26
27	4.438	4.888	5.008	48.8	81.4	28.2E	4.88	4.84	2.88	7.41	20.2	12.0	27
28	4.808	4.808	5.158	83.8	84.1	28.0E	4.83	4.78	2.81	8.72	18.2	11.8	28
29	4.808		4.88	87.8	88.8	28.7E	4.33	4.73	2.34	8.81	18.4	10.8	28
30	5.108		4.88	83.3	88.8	28.0E	4.08	4.18	2.38	8.88	18.3	10.8	30
31	4.108		4.88		120		3.87	3.83		5.30		10.8	31
TOTAL	131.72	118.88	126.38	1 878.84	2 785.3	2 085.1	313.48	182.28	110.87	188.48	1 883.83	735.0	TOTAL
MEAN	4.28	4.18	4.04	38.8	88.8	88.8	10.1	5.33	3.88	6.37	38.8	23.7	MEAN
MAX	5.10	5.00	5.18	83.3	188	128	33.8	8.88	8.48	10.7	228	83.3	MAX
MIN	3.82	3.88	3.12	4.88	41.8	38.2	3.87	3.18	2.28	2.88	4.48	10.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 24.3
MAXIMUM DAILY, 228 ON NOV 10
MINIMUM DAILY, 2.88 ON OCT 8
MAXIMUM INSTANTANEOUS,
387 AT 11:30 PST ON NOV 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 27 27 N
LONG 120 31 08 W
DRAINAGE AREA, 1 780 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 400	JUL	27 100
FEB	10 100	AUG	14 000
MAR	10 800	SEP	8 880
APR	83 300	OCT	14 400
MAY	241 000	NOV	81 800
JUN	178 000	DEC	83 800

TOTAL DISCHARGE, 788 000 dam³

TULAMEEN RIVER BELOW VUICH CREEK - STATION NO. 08NL071

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.548	1.10 B	1.288	1.978	28.8	50.1	5.04	1.14	1.59	0.873	1.88	5.03	1
2	1.588	0.7508	1.158	1.928	27.0	56.1	5.68	1.88	4.58	0.700	1.82	5.85	2
3	1.588	0.8808	1.218	1.908	29.3	50.8	5.30	2.00	3.13	0.818	3.07	8.88	3
4	1.608	0.8508	1.288	1.908	33.1	48.6	4.88	1.51	2.40	0.881	9.34	38.9	4
5	1.608	1.01 B	1.318	2.108	36.2	51.1	4.42	1.28	2.22	0.888	5.67	24.9	5
6	1.558	1.02 B	1.358	2.108	43.2	47.2	4.03	1.15	1.93	0.877	4.82	18.4	6
7	1.488	1.07 B	1.388	3.108	49.0	38.8	3.78	1.07	1.71	0.842	4.32	12.8	7
8	1.388	1.09 B	1.398	3.808	49.1	36.8	3.48	1.01	1.58	0.828	5.89	11.8	8
9	1.388	1.12 B	1.388	3.408	46.8	30.3	3.19	1.10	1.42	0.824	48.4	10.1	9
10	1.388	1.16 B	1.408	3.228	43.3	26.5	3.50	0.973	1.31	1.18	128	8.58	10
11	1.488	1.21 B	1.408	3.508	29.5	25.5	3.14	0.862	1.23	2.34	44.8	7.38	11
12	1.528	1.24 B	1.398	4.208	22.2	26.5	2.91	0.818	1.18	4.87	24.8	7.08	12
13	1.588	1.30 B	1.388	7.008	19.8	24.9	2.86	0.818	1.08	3.18	17.8	8.77	13
14	1.598	1.40 B	1.388	8.008	19.3	22.4	2.88	0.798	1.01	2.82	13.4	8.40	14
15	1.608	1.48 B	1.378	13.0 B	20.9	18.5	3.71	1.31	0.838	2.07	11.0	8.81	15
16	1.648	1.49 B	1.378	14.8	23.9	14.8	3.02	3.84	0.805	1.76	9.87	8.32	16
17	1.438	1.51 B	1.328	11.3	23.0	12.1	2.89	2.89	1.12	1.71	8.07	8.05	17
18	1.388	1.55 B	1.308	11.2	19.0	11.0	2.45	2.13	1.15	2.15	8.88	3.86	18
19	1.348	1.57 B	1.288	13.4	15.1	10.8	2.28	1.86	0.897	2.80	11.0	4.78	19
20	1.288	1.57 B	1.288	15.0	13.4	9.72	2.13	1.43	0.808	2.18	17.4	4.84	20
21	1.328	1.58 B	1.368	15.8	13.8	8.80	1.95	2.12	0.884	2.33	20.1	4.13	21
22	1.178	1.60 B	1.408	12.8	13.7	8.56	1.79	2.38	0.808	2.38	13.5	4.21	22
23	1.128	1.60 B	1.428	11.4	14.0	8.71	1.68	2.07	0.788	2.13	11.7	4.03	23
24	1.218	1.58 B	1.488	11.2	12.1	8.91	1.54	1.78	0.722	3.88	10.4	3.86	24
25	1.308	1.54 B	1.478	11.4	11.3	9.04	1.48	1.65	0.698	2.78	9.23	3.59	25
26	1.408	1.52 B	1.558	10.9	11.5	8.24	1.40	1.58	0.828	2.44	8.55	3.75	26
27	1.588	1.50 B	1.808	10.8	14.2	8.87	1.38	1.58	0.821	2.61	8.08	3.37	27
28	1.858	1.48 B	2.008	12.5	24.5	9.04	1.35	1.64	0.723	2.18	7.38	3.33	28
29	1.788		2.108	17.0	23.8	8.21	1.25	1.54	0.881	1.92	6.86	3.12	29
30	1.828		2.008	22.8	30.2	8.88	1.18	1.34	0.811	1.88	6.14	3.02	30
31	1.458		1.898		38.8		1.14	1.24		1.82		2.88	31
TOTAL	48.42	38.880	48.17	284.61	787.3	891.35	88.74	48.788	38.843	57.731	478.88	338.46	TOTAL
MEAN	1.47	1.32	1.46	8.82	25.7	23.0	2.88	1.57	1.33	1.88	15.0	7.88	MEAN
MAX	1.82	1.80	2.10	22.8	49.1	58.1	8.04	3.84	4.58	4.87	128	38.8	MAX
MIN	1.12	0.780	1.15	1.90	11.3	8.04	1.14	0.788	0.811	0.824	1.88	2.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.78
MAXIMUM DAILY, 128 ON NOV 10
MINIMUM DAILY, 0.824 ON OCT 8
MAXIMUM INSTANTANEOUS,
178 AT 08:52 PST ON NOV 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 27 58 N
LONG 120 58 38 W
DRAINAGE AREA, 288 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 920	JUL	7 870
FEB	3 180	AUG	4 230
MAR	3 900	SEP	3 440
APR	22 900	OCT	4 880
MAY	88 800	NOV	41 400
JUN	88 700	DEC	20 800

TOTAL DISCHARGE, 248 000 dam³

TURNAGAIN RIVER ABOVE SANDPILE CREEK - STATION NO. 10BA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24.08	18.38	18.78	18.88	80.5	478	170	108	88.2	67.8	48.2	28.88	1
2	23.88	18.18	18.48	18.88	88.4	434	187	106	88.2	66.8	80.1	28.88	2
3	23.08	18.08	18.38	18.88	88.2	388	174	103	82.8	63.8	44.8	28.88	3
4	22.88	17.48	18.28	18.88	117	408	177	88.4	81.7	66.8	48.2	28.58	4
5	21.88	17.18	18.28	18.08	188	480	188	100	88.8	68.8	48.4	28.08	5
6	20.58	17.08	18.28	18.18	193	428	183	88.8	88.5	85.8	48.8	28.28	6
7	20.08	18.88	18.18	18.08	218	377	182	88.8	88.8	84.8	44.8	27.08	7
8	19.88	18.48	18.08	18.18	281	383	188	88.2	87.8	83.8	40.08	26.08	8
9	20.08	18.78	14.88	18.28	291	348	158	83.7	86.7	82.1	35.08	25.08	9
10	20.48	18.88	14.88	18.88	285	388	148	80.8	85.2	83.7	33.08	24.88	10
11	20.78	18.48	14.48	18.78	286	352	144	82.2	83.8	85.8	32.08	24.58	11
12	20.58	18.38	14.88	18.88	232	388	140	81.4	81.8	83.8	31.58	24.38	12
13	20.48	18.38	15.08	17.18	193	378	142	88.3	8.2	81.2	31.38	24.28	13
14	20.38	18.88	15.48	17.58	180	358	140	84.8	84.2	88.8	31.08	24.18	14
15	20.28	18.88	18.88	18.08	192	345	137	88.4	80.1	88.8	30.88	24.08	15
16	20.18	18.78	15.88	18.88	228	388	137	88.4	80.8	80.8	30.78	23.88	16
17	20.08	18.48	18.08	20.08	234	241	118	82.8	80.1	81.2	30.48	23.78	17
18	18.88	18.28	18.18	22.08	215	218	118	78.3	48.8	83.3	30.28	23.48	18
19	18.88	18.18	18.38	24.08	202	188	118	78.4	80.0	82.8	30.48	23.08	19
20	18.88	18.88	18.48	25.88	184	180	130	78.7	81.8	81.4	30.88	22.88	20
21	18.88	18.88	18.38	27.08	188	182	140	78.8	80.3	80.8	30.48	22.88	21
22	18.48	18.88	18.28	28.08	185	188	138	77.3	78.0	48.8	30.08	22.88	22
23	18.38	18.78	18.18	31.08	184	188	180	78.8	77.8	48.8	30.08	23.58	23
24	18.08	18.88	18.08	34.08	209	187	147	81.8	88.1	47.7	29.88	23.88	24
25	18.18	18.08	18.88	36.08	221	207	134	80.2	81.8	48.8	29.88	22.88	25
26	18.38	18.18	18.78	38.08	238	208	128	78.8	78.7	47.3	30.08	22.78	26
27	18.88	18.08	18.88	45.08	281	220	118	74.2	71.7	44.7	30.08	22.58	27
28	18.88	18.08	18.28	47.08	263	188	110	71.1	88.8	48.0	30.08	22.58	28
29	18.88		18.08	52.08	282	180	108	88.3	87.8	48.1	30.08	22.88	29
30	18.08		18.28	58.3	381	181	108	88.7	88.8	48.8	30.08	22.08	30
31	18.88		18.38		447		108	83.8		48.8		21.88	31
TOTAL	637.8	483.8	478.4	781.8	8 712.8	8 888	4 332	2 888.4	1 842.1	1 738.8	1 082.8	784.8	TOTAL
MEAN	20.3	18.8	15.8	25.1	217	298	140	88.7	81.4	88.1	35.1	24.7	MEAN
MAX	24.0	18.3	18.4	58.3	447	480	177	108	88.1	87.8	80.1	28.8	MAX
MIN	18.8	18.7	14.4	15.8	80.5	180	108	83.8	48.8	44.7	29.8	21.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 83.2
MAXIMUM DAILY, 480 ON JUN 8
MINIMUM DAILY, 14.48 ON MAR 11
MAXIMUM INSTANTANEOUS,
487 AT 18:02 PST ON JUN 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 03 52 N
LONG 127 50 41 W
DRAINAGE AREA, 8 580 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	84 200	JUL	374 000
FEB	40 100	AUG	228 000
MAR	41 400	SEP	188 000
APR	88 000	OCT	150 000
MAY	880 000	NOV	81 000
JUN	774 000	DEC	88 100

TOTAL DISCHARGE, 2 830 000 dam³

TUTSHI RIVER AT OUTLET OF TUTSHI LAKE - STATION NO. 09AA013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.818	5.018	4.288	3.488	4.76	44.1	41.9	28.0	19.7	14.4	12.3	8.008	1
2	5.788	4.978	4.228	3.488	5.61	46.7	41.8A	28.1	19.1	14.7	12.0	7.928	2
3	5.768	4.928	4.178	3.508	6.78	46.5	42.8A	27.3	18.8	15.6	11.8	7.848	3
4	5.728	4.878	4.138	3.488	7.77	46.4	43.3A	26.5	19.0	15.5	11.8	7.788	4
5	5.688	4.828	4.088	3.468	9.02	50.4	42.2A	26.0	19.3	15.7	11.7	7.868	5
6	5.658	4.788	4.068	3.428	10.8	50.8	42.7	26.3	19.3	15.5	11.5	7.908	6
7	5.618	4.738	4.048	3.398	12.4	51.4	42.6	26.7	18.8	16.1	11.6	7.928	7
8	5.588	4.688	4.018	3.358	14.3	51.4	42.3	28.1	18.5	15.7	11.6	7.468	8
9	5.548	4.678	3.988	3.308	16.8	51.2	42.4	26.0	18.7	17.3	11.0	7.408	9
10	5.518	4.668	3.948	19.1	50.7	42.1	26.7	18.8	17.8	10.4 B	7.378	10
11	5.488	4.638	3.928	3.198	21.4	50.0	42.0	24.8	18.8	18.0	10.0 B	7.278	11
12	5.458	4.628	3.888	3.158	22.8	48.7	42.2	24.7	18.5	18.1	9.708	7.178	12
13	5.418	4.628	3.868	3.10A	23.3	48.5	42.4	24.8	18.3	18.0	9.588	7.078	13
14	5.388	4.618	3.818	3.03	23.8	51.3	42.9	25.2	18.0	17.8	9.458	7.018	14
15	5.358	4.618	3.778	3.00	24.7	52.9	42.1	25.2	17.8	17.2	9.358	7.008	15
16	5.338	4.608	3.738	2.92	25.0	52.1	41.2	24.8	18.8	16.9	9.278	7.008	16
17	5.288	4.588	3.698	2.88	25.1	50.7	39.7	24.7	18.5	16.8	9.188	7.008	17
18	5.238	4.568	3.668	2.84	25.4	49.2	38.8	24.8	18.3	16.7	9.108	7.008	18
19	5.238	4.498	3.628	2.81	25.5	47.3	38.2	24.2	18.0	16.3	9.008	8.908	19
20	5.238	4.438	3.598	2.89	25.4	46.1	37.7	23.7	18.8	15.7	8.808	8.788	20
21	5.238	4.388	3.558	2.81	25.4	44.4	37.1	23.8	18.1	15.8	8.628	8.628	21
22	5.238	4.358	3.528	2.89	25.4	43.8	36.8	23.3	18.8	16.3	8.738	8.498	22
23	5.218	4.338	3.508	2.80	25.4	42.3A	35.0	23.1	14.7	14.8	8.678	8.408	23
24	5.208	4.388	3.478	2.89	27.1	41.8A	34.0	22.8	14.8	14.5	8.588	8.358	24
25	5.208	4.358	3.448	3.01	27.8	41.8A	33.8	22.4	14.7	14.2	8.488	8.318	25
26	5.188	4.338	3.428	3.17	26.2	41.8A	31.2	21.8	14.8	14.2	8.408	8.308	26
27	5.188	4.318	3.418	3.34	26.4	42.0	30.8	21.5	14.8	13.4	8.318	8.308	27
28	5.188	4.308	3.428	3.69	30.8	42.0	29.8	21.3	14.7	13.3	8.238	8.258	28
29	5.188		3.448	3.74	33.4	42.1	28.4	21.4	14.5	13.0	8.188	8.208	29
30	5.108		3.468	4.11	38.8	41.7	28.1	20.8	14.5	12.5	8.088	8.108	30
31	5.068		3.478		41.4		28.7	20.1		12.4		8.008	31
TOTAL	168.84	128.42	116.84	95.31	881.85	1 412.1	1 184.8	758.8	510.5	483.8	293.70	218.28	TOTAL
MEAN	5.39	4.58	3.76	3.21	22.0	47.1	38.2	24.4	17.0	15.6	9.79	8.88	MEAN
MAX	5.81	5.01	4.28	4.11	41.4	52.9	43.3	28.1	19.7	18.1	12.3	8.00	MAX
MIN	5.06	4.30	3.41	2.81	4.76	41.8	28.7	20.1	14.5	12.4	8.08	8.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.8
MAXIMUM DAILY, 52.9 ON JUN 15
MINIMUM DAILY, 2.81 ON APR 19
MAXIMUM INSTANTANEOUS,
53.9 AT 17:10 PST ON JUN 15

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 55 45 N
LONG 134 19 29 W
DRAINAGE AREA, 892 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	14 400	JUL	102 000
FEB	11 100	AUG	65 300
MAR	10 100	SEP	44 100
APR	8 320	OCT	41 600
MAY	55 800	NOV	25 400
JUN	122 000	DEC	18 700

TOTAL DISCHARGE, 522 000 dam³

TUYA RIVER NEAR TELEGRAPH CREEK - STATION NO. 08CD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.7 B	9.608	10.88	14.88	94.0	270	28.7	30.8	14.8	24.8	18.1	12.2 B	1
2	12.4 B	9.308	10.88	14.78	100	300	28.7	27.7	14.1	21.3	17.0	12.3 B	2
3	12.1 B	9.208	11.18	14.78	113	188	27.8	24.7	14.3	22.3	18.0	13.0 B	3
4	11.8 B	9.208	11.28	14.78	128	168	26.2	23.5	14.3	31.8	18.2	12.4 B	4
5	10.3 B	9.308	11.28	14.78	148	181	24.8	23.2	14.8	30.3	19.0	12.5 B	5
6	9.808	9.408	11.08	14.78	178	138	23.5	28.8	14.3	26.8	17.1	12.7 B	6
7	9.208	9.808	10.78	14.68	212	118	24.1	29.1	14.3	25.8	15.3	11.8 B	7
8	9.058	9.808	10.88	14.88	248	88.0	24.3	27.4	14.2	24.8	14.28	10.8 B	8
9	9.008	9.108	10.48	15.08	280	80.8	23.0	28.8	14.1	24.4	14.38	9.208	9
10	9.208	9.408	10.38	15.38	327	85.8	23.0	30.2	13.7	25.4	11.88	9.308	10
11	9.808	9.728	10.38	15.88	188	78.3	23.8	27.4	13.8	26.8	10.78	10.7 B	11
12	9.808	10.0 B	10.48	16.18	188	73.8	21.8	24.8	13.8	28.2	10.18	12.8 B	12
13	9.808	10.1 B	10.88	16.28	148	87.1	21.3	22.8	13.8	24.8	10.08	13.2 B	13
14	9.808	10.2 B	10.78	16.38	147	87.2	20.8	20.8	13.8	23.4	10.28	13.4 B	14
15	10.4 B	10.3 B	11.08	16.88	183	88.7	19.4	19.8	13.2	20.8	10.78	13.3 B	15
16	11.0 B	10.2 B	11.38	16.48	323	87.3	17.8	20.0	12.8	18.0	11.58	13.0 B	16
17	11.7 B	10.1 B	11.38	17.08	188	80.8	17.3	19.8	12.8	18.8	13.08	12.8 B	17
18	11.8 B	10.0 B	11.38	17.58	188	48.8	18.1	18.2	12.8	22.0	18.38	12.3 B	18
19	11.8 B	10.1 B	11.48	18.08	158	44.8	18.8	18.3	13.8	20.2	14.08	11.3 B	19
20	11.8 B	10.3 B	11.88	18.48	147	42.8	22.8	18.8	18.7	18.8	12.88	8.808	20
21	11.2 B	10.7 B	12.18	18.58	182	40.8	28.3	20.4	17.8	18.2	13.18	8.508	21
22	11.1 B	11.2 B	12.88	20.88	188	37.8	40.8	21.0	18.2	18.1	13.28	8.808	22
23	11.4 B	11.5 B	13.28	22.58	187	38.8	72.3	21.7	18.3	18.4	13.38	10.0 B	23
24	11.8 B	11.5 B	13.58	24.88	183	34.8	85.8	23.8	18.2	18.8	13.08	12.0 B	24
25	12.4 B	11.4 B	13.88	26.58	188	33.8	43.0	22.8	18.7	17.8	12.18	13.0 B	25
26	12.7 B	10.8 B	13.78	35.08	188	32.8	38.5	20.5	17.3	17.3	12.28	13.2 B	26
27	12.8 B	10.4 B	13.78	50.08	201	33.0	30.7	18.8	18.0	18.3	13.08	13.1 B	27
28	13.0 B	10.4 B	13.78	68.2	232	30.8	28.8	17.8	18.3	18.0	13.08	12.8 B	28
29	12.8 B		13.88	77.2	238	28.3	28.1	18.8	18.4	18.8	18.28	12.1 B	29
30	11.8 B		14.28	84.2	280	27.8	27.2	18.7	22.8	18.8	14.58	11.8 B	30
31	8.408		14.48		271		26.2	18.0		18.2		12.2 B	31
TOTAL	342.88	274.83	388.0	748.0	5 743.0	2 462.0	870.1	688.8	457.8	688.8	414.3	358.80	TOTAL
MEAN	11.1	9.82	11.8	24.8	188	81.7	28.1	22.8	15.3	21.8	13.8	11.8	MEAN
MAX	13.0	11.8	14.4	84.2	280	270	72.3	30.8	22.8	31.8	18.2	13.8	MAX
MIN	8.00	8.20	10.3	14.8	84.0	27.8	17.3	18.0	12.8	18.0	10.0	8.50	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 38.7
MAXIMUM DAILY, 280 ON MAY 30
MINIMUM DAILY, 8.208 ON FEB 3
MAXIMUM INSTANTANEOUS,
321 AT 10:57 PST ON MAY 30

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 04 20 N
LONG 130 49 27 W
DRAINAGE AREA, 3 800 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	38 000	JUL	75 200
FEB	23 800	AUG	80 400
MAR	31 800	SEP	38 500
APR	84 400	OCT	57 800
MAY	498 000	NOV	35 800
JUN	212 000	DEC	31 700

TOTAL DISCHARGE, 1 180 000 dam³

TWO FORTY CREEK NEAR PENTICTON - STATION NO. 08NM240

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0058	0.0038	0.0038	0.0038	0.1808	0.373	0.063	0.014	0.015	0.008	0.0078	0.0108	1
2	0.0058	0.0038	0.0038	0.0038	0.2408	0.338	0.056	0.016	0.063	0.008	0.0088	0.0108	2
3	0.0058	0.0038	0.0038	0.0038	0.2658	0.276	0.048	0.021	0.048	0.008	0.030A	0.0108	3
4	0.0058	0.0038	0.0038	0.0038	0.3108	0.237	0.043	0.018	0.033	0.008	0.028	0.0108	4
5	0.0058	0.0038	0.0038	0.0048	0.4058	0.210	0.038	0.014	0.030	0.008	0.0218	0.0108	5
6	0.0048	0.0038	0.0038	0.0048	0.5008	0.180	0.036	0.013	0.027	0.007	0.0188	0.0108	6
7	0.0048	0.0038	0.0038	0.0048	0.5458	0.156	0.034	0.012	0.024	0.007	0.0128	0.0108	7
8	0.0048	0.0038	0.0038	0.0048	0.5558	0.137	0.032	0.011	0.021	0.007	0.0128	0.0108	8
9	0.0048	0.0038	0.0038	0.0048	0.631	0.126	0.030	0.012	0.019	0.007	0.0128	0.0108	9
10	0.0048	0.0038	0.0038	0.0048	0.734	0.116	0.031	0.018	0.018	0.007	0.0128	0.0108	10
11	0.0048	0.0038	0.0038	0.0048	0.674	0.101	0.033	0.012	0.017	0.007	0.0128	0.0108	11
12	0.0048	0.0038	0.0038	0.0048	0.345	0.083	0.028	0.011	0.018	0.007	0.0128	0.0108	12
13	0.0048	0.0038	0.0038	0.0068	0.281	0.088	0.028	0.011	0.015	0.008	0.0128	0.0098	13
14	0.0048	0.0038	0.0038	0.0078	0.250	0.109	0.029	0.010	0.015	0.008	0.0118	0.0098	14
15	0.0048	0.0038	0.0038	0.0078	0.238	0.142	0.068	0.017	0.014	0.007	0.0118	0.0098	15
16	0.0048	0.0038	0.0038	0.0078	0.248	0.103	0.047	0.024	0.014	0.007	0.0118	0.0088	16
17	0.0048	0.0038	0.0038	0.0078	0.244	0.080	0.038	0.029	0.013	0.007	0.0118	0.0088	17
18	0.0048	0.0038	0.0038	0.0078	0.224	0.083	0.033	0.020	0.013	0.007	0.0118	0.0088	18
19	0.0048	0.0038	0.0038	0.0078	0.190	0.082	0.030	0.023	0.013	0.007	0.0118	0.0088	19
20	0.0048	0.0038	0.0038	0.0178	0.177	0.078	0.028	0.018	0.012	0.007	0.0118	0.0088	20
21	0.0048	0.0038	0.0038	0.0338	0.170	0.089	0.028	0.018	0.012	0.008	0.0108	0.0088	21
22	0.0048	0.0038	0.0038	0.0488	0.189	0.075	0.024	0.021	0.012	0.008	0.0108	0.0088	22
23	0.0048	0.0038	0.0038	0.0438	0.178	0.070	0.022	0.020	0.011	0.007	0.0108	0.0088	23
24	0.0048	0.0038	0.0038	0.0408	0.182	0.081	0.021	0.018	0.010	0.008	0.0118	0.0088	24
25	0.0048	0.0038	0.0038	0.041	0.181	0.089	0.020	0.014	0.010	0.008	0.0118	0.0088	25
26	0.0048	0.0038	0.0038	0.043	0.170	0.084	0.018	0.018	0.010	0.008	0.0118	0.0088	26
27	0.0048	0.0038	0.0038	0.046	0.215	0.047A	0.021	0.017	0.009	0.008A	0.0118	0.0078	27
28	0.0048	0.0038	0.0038	0.047	0.247	0.046	0.025	0.015	0.008	0.0088	0.0108	0.0078	28
29	0.0048		0.0038	0.074	0.258	0.045	0.019	0.015	0.008	0.0078	0.0108	0.0078	29
30	0.0048		0.0038	0.128	0.303	0.049	0.018	0.014	0.008	0.0078	0.0108	0.0078	30
31	0.0038		0.0038		0.368		0.018	0.014		0.0078		0.0078	31
TOTAL	0.129	0.084	0.093	0.849	9.875	3.688	0.890	0.500	0.527	0.230	0.375	0.274	TOTAL
MEAN	0.004	0.003	0.003	0.022	0.312	0.123	0.032	0.016	0.018	0.007	0.013	0.009	MEAN
MAX	0.006	0.003	0.003	0.128	0.734	0.373	0.063	0.029	0.063	0.008	0.030	0.010	MAX
MIN	0.003	0.003	0.003	0.003	0.181	0.045	0.018	0.010	0.008	0.008	0.007	0.007	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.047
MAXIMUM DAILY, 0.734 ON MAY 10
MINIMUM DAILY, 0.0038 ON JAN 31
MAXIMUM INSTANTANEOUS,
0.848 AT 08:00 PST ON MAY 10

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 01 N
LONG 119 23 50 W
DRAINAGE AREA, 8.00 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11.1	JUL	85.5
FEB	7.28	AUG	43.2
MAR	8.04	SEP	45.5
APR	85.1	OCT	19.9
MAY	838	NOV	32.5
JUN	319	DEC	23.7

TOTAL DISCHARGE, 1 490 dam³

TWO FORTY-ONE CREEK NEAR PENTICTON - STATION NO. 08NM241

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0058	0.0038	0.0038	0.0038	0.345	0.290	0.048	0.007	0.011	0.003	0.0098	0.0118	1
2	0.0048	0.0038	0.0038	0.0038	0.389	0.235	0.042	0.010	0.047	0.003	0.0108	0.0118	2
3	0.0048	0.0038	0.0038	0.0038	0.378	0.180	0.032	0.017	0.038	0.003	0.034A	0.0118	3
4	0.0048	0.0038	0.0038	0.0038	0.404	0.148	0.027	0.011	0.023	0.003	0.048	0.0118	4
5	0.0048	0.0038	0.0038	0.0048	0.610	0.126	0.023	0.008	0.019	0.003	0.034A	0.0118	5
6	0.0048	0.0038	0.0038	0.0048	0.826	0.108	0.021	0.007	0.018	0.003	0.0238	0.0118	6
7	0.0048	0.0038	0.0038	0.0048	0.613	0.091	0.020	0.008	0.014	0.002	0.0188	0.0118	7
8	0.0048	0.0038	0.0038	0.0048	0.580	0.078	0.018	0.008	0.012	0.002	0.0148	0.0118	8
9	0.0048	0.0038	0.0038	0.0048	0.539	0.088	0.017	0.008	0.011	0.002	0.0148	0.0118	9
10	0.0048	0.0038	0.0038	0.0048	0.805	0.082	0.016	0.009	0.009	0.002	0.0148	0.0108	10
11	0.0048	0.0038	0.0038	0.0048	0.383	0.085	0.021	0.008	0.008	0.003	0.0148	0.0108	11
12	0.0048	0.0038	0.0038	0.0048	0.255	0.080	0.018	0.004	0.008	0.003	0.0138	0.0108	12
13	0.0048	0.0038	0.0038	0.0068	0.212	0.067	0.019	0.007	0.007	0.005	0.0138	0.0108	13
14	0.0048	0.0038	0.0038	0.0088	0.198	0.060	0.024	0.008	0.007	0.005	0.0138	0.0108	14
15	0.0048	0.0038	0.0038	0.0088	0.186	0.141	0.071	0.018	0.008	0.004	0.0138	0.0088	15
16	0.0048	0.0038	0.0038	0.0088	0.206	0.079	0.054	0.028	0.008	0.003	0.0128	0.0088	16
17	0.0048	0.0038	0.0038	0.0068	0.207	0.084	0.040	0.032	0.008	0.003	0.0128	0.0088	17
18	0.0048	0.0038	0.0038	0.0068	0.184	0.080	0.031	0.018	0.008	0.004	0.0128	0.0088	18
19	0.0048	0.0038	0.0038	0.0068	0.147	0.059	0.026	0.022	0.008	0.004	0.0128	0.0088	19
20	0.0048	0.0038	0.0038	0.0118	0.141	0.056	0.021	0.018	0.008	0.004	0.0128	0.0088	20
21	0.0048	0.0038	0.0038	0.0278	0.142	0.050	0.018	0.018	0.008	0.004	0.0128	0.0088	21
22	0.0048	0.0038	0.0038	0.0728	0.148	0.051	0.016	0.018	0.004	0.004	0.0118	0.0088	22
23	0.0048	0.0038	0.0038	0.0808	0.157	0.048	0.014	0.014	0.004	0.008	0.0118	0.0088	23
24	0.0048	0.0038	0.0038	0.085A	0.138	0.041	0.013	0.011	0.004	0.018	0.0118	0.0088	24
25	0.0048	0.0038	0.0038	0.087	0.144	0.037	0.012	0.009	0.003	0.014	0.0128	0.0088	25
26	0.0048	0.0038	0.0038	0.092	0.183	0.035	0.010	0.012	0.003	0.011	0.0128	0.0088	26
27	0.0048	0.0038	0.0038	0.081	0.237	0.029A	0.014	0.012	0.003	0.0108	0.0128	0.0078	27
28	0.0048	0.0038	0.0038	0.107	0.258	0.028	0.022	0.012	0.003	0.0108	0.0118	0.0078	28
29	0.0048		0.0038	0.188	0.260	0.030	0.013	0.011	0.003	0.0088	0.0118	0.0078	29
30	0.0048		0.0038	0.268	0.285	0.033	0.010	0.009	0.007	0.0088	0.0118	0.0078	30
31	0.0038		0.0038		0.312		0.008	0.008		0.0088		0.0078	31
TOTAL	0.134	0.084	0.093	1.182	9.281	3.459	0.738	0.370	0.284	0.170	0.458	0.284	TOTAL
MEAN	0.004	0.003	0.003	0.038	0.299	0.082	0.024	0.012	0.010	0.005	0.015	0.009	MEAN
MAX	0.006	0.003	0.003	0.268	0.826	0.290	0.071	0.032	0.047	0.018	0.048	0.011	MAX
MIN	0.003	0.003	0.003	0.003	0.135	0.028	0.008	0.004	0.003	0.002	0.008	0.007	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.043
MAXIMUM DAILY, 0.826 ON MAY 8
MINIMUM DAILY, 0.002 ON SEP 30
MAXIMUM INSTANTANEOUS,
0.758 AT 19:53 PST ON MAY 6

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 05 N
LONG 119 23 30 W
DRAINAGE AREA, 4.90 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10.7	JUL	83.8
FEB	7.28	AUG	33.0
MAR	8.04	SEP	25.4
APR	102	OCT	14.7
MAY	902	NOV	39.3
JUN	212	DEC	24.5

TOTAL DISCHARGE, 1 340 dam³

TWO MILE CREEK IN DISTRICT LOT 4834 - STATION NO. 08ZE025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0918	0.0888	0.0708	0.0218	0.285	0.123	0.132	0.127	0.094	0.085	0.095	0.185	1
2	0.0908	0.0848	0.0718	0.0218	0.273	0.121	0.124	0.124	0.094	0.082	0.097	0.223	2
3	0.0908	0.0838	0.0718	0.0208	0.275	0.115	0.128	0.121	0.094	0.078	0.098	0.270	3
4	0.0888	0.0838	0.0718	0.0198	0.247	0.114	0.139	0.108	0.088	0.078	0.092	0.320	4
5	0.0828	0.0838	0.0708	0.0198	0.241	0.114	0.128	0.106	0.089	0.088	0.088	0.301	5
6	0.0788	0.0838	0.0708	0.0188	0.251	0.115	0.122	0.104	0.089	0.073	0.083	0.289	6
7	0.0788	0.0838	0.0708	0.0198	0.244	0.110	0.124	0.101	0.091	0.070	0.081	0.250	7
8	0.0788	0.0838	0.0708	0.0198	0.235	0.100	0.134	0.098	0.091	0.071	0.087	0.232	8
9	0.0788	0.0838	0.0688	0.0198	0.228	0.098	0.131	0.098	0.091	0.088	0.103	0.217	9
10	0.0788	0.0838	0.0688	0.0198	0.223	0.098	0.125	0.100	0.091	0.087	0.111	0.199	10
11	0.0818	0.0848	0.0688	0.0198A	0.211	0.092	0.121	0.098	0.090	0.087	0.103	0.188	11
12	0.0838	0.0848	0.0658	0.038	0.192	0.101	0.121	0.095	0.091	0.077	0.101	0.182	12
13	0.0848	0.0848	0.0638	0.048	0.182	0.105	0.116	0.148	0.087	0.074	0.100	0.177	13
14	0.0868	0.0858	0.0608	0.223	0.184	0.105	0.119	0.125	0.086	0.074	0.092	0.174	14
15	0.0918	0.0858	0.0588	0.377	0.182	0.094	0.118	0.110	0.083	0.070	0.090	0.171	15
16	0.0848	0.0688	0.0578	0.359	0.177	0.088	0.113	0.109	0.087	0.083	0.083	0.171	16
17	0.0858	0.0688	0.0548	0.324	0.170	0.090	0.118	0.107	0.087	0.072	0.092	0.171	17
18	0.0878	0.0688	0.0518	0.310	0.168	0.098	0.118	0.100	0.087	0.073	0.222	0.172	18
19	0.0868	0.0688	0.0488	0.321	0.154	0.093	0.121	0.091	0.087	0.073	0.328	0.195	19
20	0.0878	0.0878	0.0448	0.381	0.157	0.096	0.124	0.097	0.087	0.103	0.291	0.189	20
21	0.0958	0.0878	0.0408	0.448	0.180	0.094	0.130	0.132	0.084	0.101	0.249	0.174	21
22	0.0948	0.0878	0.0388	0.422	0.223	0.093	0.123	0.120	0.078	0.092	0.215	0.162	22
23	0.0928	0.0878	0.0348	0.382	0.197	0.088	0.124	0.111	0.078	0.088	0.191	0.195	23
24	0.0928	0.0878	0.0318	0.381	0.174	0.089	0.128	0.104	0.073	0.084	0.189	0.200	24
25	0.0948	0.0888	0.0288	0.331	0.188	0.091	0.120	0.097	0.078	0.082	0.184	0.198	25
26	0.0988	0.0888	0.0268	0.327	0.165	0.093	0.130	0.098	0.078	0.108	0.140	0.178	26
27	0.1008	0.0888	0.0269	0.312	0.135	0.098	0.142	0.098	0.078	0.118	0.132	0.228	27
28	0.0988	0.0698	0.0248	0.302	0.132	0.104	0.142	0.089	0.077	0.100	0.134	0.195	28
29	0.0978		0.0238	0.284	0.145	0.101	0.140	0.083	0.094	0.098	0.180	0.1888	29
30	0.0938		0.0228	0.280	0.142	0.106	0.133	0.093	0.086	0.102	0.177	0.2048	30
31	0.0788		0.0218		0.131		0.129	0.091		0.097		0.2018	31
TOTAL	2.773	1.830	1.579	8.044	5.050	3.024	3.817	3.276	2.581	2.573	4.195	8.348	TOTAL
MEAN	0.089	0.065	0.051	0.201	0.195	0.101	0.126	0.105	0.088	0.083	0.139	0.205	MEAN
MAX	0.100	0.088	0.071	0.448	0.285	0.123	0.142	0.148	0.094	0.118	0.328	0.320	MAX
MIN	0.078	0.063	0.021	0.018	0.131	0.088	0.113	0.083	0.073	0.083	0.081	0.188	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.121
MAXIMUM DAILY, 0.448 ON APR 21
MINIMUM DAILY, 0.0188 ON APR 4
MAXIMUM INSTANTANEOUS,
0.456 AT 01:05 PST ON APR 21

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 17 46 N
LONG 127 37 07 W
DRAINAGE AREA, 20.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	240	JUL	330
FEB	158	AUG	283
MAR	136	SEP	223
APR	522	OCT	222
MAY	524	NOV	358
JUN	291	DEC	848

TOTAL DISCHARGE, 3 810 dam³

UCONA RIVER AT THE MOUTH - STATION NO. 08HC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.53	27.5	5.91	15.9	27.5	24.4	14.8	4.52	2.30	1.08	9.93	17.8	1
2	7.24	20.0	6.11	16.7	26.3	25.2	15.2	5.16	2.26	1.02	8.71	76.2	2
3	24.2	15.4	6.73	13.6	26.8	26.5	14.6	4.87	2.07	0.943	23.3	103	3
4	22.2	12.8	6.37	13.6	27.4	26.6	13.6	4.23	2.06	0.950	22.6	85.1	4
5	14.2	10.8	5.82	13.5	33.3	24.5	12.2	4.00	2.01	1.04	22.0	63.1	5
6	10.6	9.36	5.22	35.6	36.6	22.5	10.5	3.67	1.88	1.00	26.3	39.8	6
7	9.34	8.35	7.38	33.9	32.8	20.4	9.29	3.68	1.79	0.959	22.9	32.4	7
8	7.23	7.45	7.40	33.1	28.8	19.8	8.73	3.66	1.74	1.06	83.8	35.2	8
9	6.67	6.63	7.98	18.8	24.7	18.8	8.22	3.35	1.66	1.04	261	35.2	9
10	8.73	8.05	10.4	16.1	21.4	17.0	8.06	3.14	1.69	1.23	84.3	19.0	10
11	6.41	6.53	20.5	20.8	18.0	17.2	8.03	2.95	1.81	8.18	44.7	15.0	11
12	17.6	4.89	23.3	21.3	16.1	17.2	7.86	2.78	1.43	14.1	29.0	12.7	12
13	21.8	4.64	19.8	23.6	13.7	19.3	7.82	2.72	1.38	9.77	22.6	11.4	13
14	12.6	4.43	11.8	31.4	13.6	21.8	7.10	2.78	1.32	7.14	18.8	10.0	14
15	8.36	3.99	8.86	28.7	14.6	17.4	6.43	2.85	1.26	6.83	16.6	8.78	15
16	37.1	3.84	8.96	23.8	15.8	14.1	8.59	2.71	1.27	4.52	17.0	7.67	16
17	28.0	3.48	8.24	20.2	15.8	13.6	7.65	2.61	1.24	5.10	16.6	6.79	17
18	18.7	3.37	7.62	20.2	14.0	13.8	7.08	2.61	1.18	30.8	20.2	6.06	18
19	13.7	3.24	7.31	26.2	12.0	14.1	6.46	2.68	1.11	24.2	28.0	5.80	19
20	14.8	3.17	7.31	88.0	10.7	13.5	6.73	2.70	1.07	41.3	38.3	4.85	20
21	15.4	3.34	9.04	43.3	9.94	12.1	5.48	3.83	1.06	82.1	30.9	5.03	21
22	11.8	12.7	10.8	33.0	9.75	12.3	4.98	3.82	1.03	40.1	21.8	5.88	22
23	8.26	15.4	9.59	25.8	9.77	12.8	4.80	3.81	1.02	86.4	21.0	5.38	23
24	7.84	11.6	8.44	22.0	9.07	13.1	4.21	3.33	1.03	37.9	21.1	7.85	24
25	8.84	8.17	7.73	21.1	8.66	13.8	4.07	2.97	1.00	33.4	17.8	8.73	25
26	7.83	7.88	8.18	21.2	18.3	13.0	4.00	2.71	1.28	47.4	14.3	7.08	26
27	11.3	8.81	13.3	21.6	18.8	11.6	3.91	2.89	1.43	27.8	13.2	6.85	27
28	11.0	8.33	14.2	21.5	17.6	11.0	3.77	2.51	1.33	19.7	26.2	6.48	28
29	46.8		12.3	24.1	17.7	10.6	3.66	2.38	1.22	15.0	33.8	6.32	29
30	61.1		11.1	28.9	18.1	13.1	3.83	2.25	1.18	13.2	21.6	7.33	30
31	46.3		13.8		21.2		3.66	2.18		11.9		13.1	31
TOTAL	538.18	237.77	305.81	745.4	550.66	504.5	231.75	99.29	43.84	533.012	1 028.14	845.84	TOTAL
MEAN	17.4	8.49	9.86	24.8	18.1	17.0	7.48	3.30	1.46	18.9	34.3	30.9	MEAN
MAX	61.1	27.5	23.3	88.0	36.6	26.6	15.2	5.16	2.30	82.1	261	103	MAX
MIN	6.41	3.17	4.37	12.8	8.07	10.6	3.66	2.18	1.00	0.943	8.71	4.85	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.1
MAXIMUM DAILY, 261 ON NOV 9
MINIMUM DAILY, 0.943 ON OCT 3
MAXIMUM INSTANTANEOUS,
383 AT 13:36 PST ON NOV 9

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 42 33 N
LONG 126 05 52 W
DRAINAGE AREA, 185 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	48 500	JUL	20 000
FEB	20 500	AUG	6 540
MAR	28 400	SEP	3 770
APR	84 400	OCT	48 200
MAY	61 100	NOV	88 700
JUN	43 806	DEC	85 800

TOTAL DISCHARGE, 478 000 dam³

UNNAMED CREEK AT SITE NO. 10 - STATION NO. 08CC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0688	0.0628	0.0178	0.0088	0.2408	7.96	4.82	9.06	2.37	0.884	0.2478	0.1108	1
2	0.0648	0.0618	0.0168	0.0098	0.3708	7.24	4.84	8.56	1.93	0.802	0.2388	0.1098	2
3	0.0658	0.0618	0.0168	0.0098	0.5208	8.16	6.18	8.10	2.77	1.27	0.2288	0.1078	3
4	0.0658	0.0608	0.0158	0.0088	0.8108	8.41	6.90	6.76	2.48	0.956	0.2218	0.1048	4
5	0.0648	0.0508	0.0148	0.0108	1.29 B	7.82	4.80	6.61	1.99	0.831	0.2198	0.1028	5
6	0.0628	0.0508	0.0138	0.0108	2.10 B	6.33	5.88	5.95	2.91	0.871	0.2118	0.1008	6
7	0.0588	0.0498	0.0128	0.0108	2.89 B	6.43	6.72	6.15	3.80	1.08	0.2058	0.0888	7
8	0.0568	0.0468	0.0128	0.0118	2.55 B	6.84	5.59	4.88	2.74	0.876	0.1998	0.0888	8
9	0.0548	0.0478	0.0118	0.0118	2.32 B	7.24	5.38	4.42	2.18	0.830	0.1908	0.0858	9
10	0.0538	0.0468	0.0108	0.0118	1.86 B	7.47	7.06	5.13	2.13	0.781	0.1818	0.0848	10
11	0.0518	0.0438	0.0108	0.0128	1.42 A	7.87	6.58	7.35	2.05	0.867	0.1788	0.0828	11
12	0.0508	0.0388	0.0108	0.0138	1.18	8.84	5.28	8.09	1.82	0.846	0.1708	0.0808	12
13	0.0508	0.0368	0.0088	0.0158	1.00	8.21	5.00	6.41	1.80	0.812	0.1648	0.0868	13
14	0.0508	0.0348	0.0088	0.0178	0.888	8.88	6.06	5.70	1.15	0.423	0.1618	0.0878	14
15	0.0508	0.0328	0.0088	0.0208	1.31	7.37	5.33	6.14	0.803	0.4018	0.1588	0.0868	15
16	0.0508	0.0308	0.0088	0.0238	1.52	8.10	4.47	5.66	0.594	0.3838	0.1518	0.0858	16
17	0.0488	0.0288	0.0088	0.0258	1.18	5.06	5.17	5.26	0.486	0.3808	0.1498	0.0848	17
18	0.0488	0.0288	0.0088	0.0278	1.14	4.28	5.37	4.80	0.455	0.3718	0.1468	0.0838	18
19	0.0508	0.0278	0.0088	0.0298	1.07	3.37	5.32	4.46	0.802	0.3588	0.1418	0.0828	19
20	0.0508	0.0268	0.0088	0.0318	0.967	4.31	6.13	5.22	3.24	0.3488	0.1388	0.0808	20
21	0.0518	0.0258	0.0098	0.0338	1.03	4.84	5.29	5.48	4.21	0.3408	0.1348	0.0788	21
22	0.0528	0.0248	0.0098	0.0388	1.21	5.23	5.85	4.88	3.72	0.3308	0.1318	0.0788	22
23	0.0548	0.0238	0.0098	0.0388	1.44	7.03	4.84	4.73	2.71	0.3228	0.1298	0.0788	23
24	0.0568	0.0228	0.0098	0.0428	1.82	7.84	4.27	4.15	1.85	0.3208	0.1268	0.0768	24
25	0.0608	0.0228	0.0098	0.0468	1.70	8.16	4.16	3.97	1.99	0.3108	0.1298	0.0758	25
26	0.0588	0.0218	0.0098	0.0538	1.88	5.51	4.78	3.28	1.55	0.3038	0.1228	0.0748	26
27	0.0568	0.0208	0.0088	0.0608	2.52	4.61A	5.85	3.52	1.01	0.2988	0.1208	0.0748	27
28	0.0548	0.0188	0.0088	0.0708	3.54	3.75	5.47	3.86	1.41	0.2868	0.1188	0.0738	28
29	0.0528		0.0088	0.0808	5.07	3.73	5.22	3.42	2.10	0.2758	0.1148	0.0728	29
30	0.0528		0.0088	0.1208	7.74	3.84	7.08	3.26	1.14	0.2688	0.1118	0.0728	30
31	0.0528		0.0088		7.48		8.80	2.88		0.2538		0.0718	31
TOTAL	1.712	0.894	0.327	0.889	82.733	190.43	184.81	184.77	80.130	16.915	4.929	2.894	TOTAL
MEAN	0.055	0.038	0.011	0.030	2.02	6.35	5.95	5.32	2.00	0.546	0.164	0.087	MEAN
MAX	0.088	0.062	0.017	0.120	7.74	8.88	8.80	9.06	4.21	1.27	0.247	0.110	MAX
MIN	0.048	0.018	0.008	0.008	0.240	3.37	4.16	2.88	0.455	0.253	0.111	0.071	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.89
MAXIMUM DAILY, 9.06 ON AUG 1
MINIMUM DAILY, 0.0088 ON MAR 13
MAXIMUM INSTANTANEOUS,
15.7 AT 23:17 PST ON JUL 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 13 02 N
LONG 128 08 28 W
DRAINAGE AREA, 29.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	148	JUL	15 900
FEB	85.8	AUG	14 200
MAR	28.3	SEP	6 200
APR	77.7	OCT	1 460
MAY	5 420	NOV	426
JUN	16 600	DEC	233

TOTAL DISCHARGE, 89 700 dam³

UNUK RIVER NEAR STEWART - STATION NO. 08DD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	27.4B	22.8B	16.7B	14.7B	150	234	238	279	131	88.7	58.4A	41.5	1
2	27.1B	21.8B	16.6B	14.8B	160	209	234	265	126	89.5	114	84.9	2
3	26.8B	21.1B	16.5B	14.8B	163	215	241	249	203	213	194	72.5	3
4	26.3B	20.8B	16.3B	15.0B	148	268	241	276	226	284	135	73.8	4
5	26.0B	20.0B	16.2B	15.3B	185	280	224	238	180	177	104	76.1	5
6	25.8B	19.9B	16.2B	15.7B	186	216	226	226	182	139	84.4	80.3	6
7	25.3B	19.6B	16.1B	16.1B	205	208	244	220	215	200	71.9	82.0	7
8	25.1B	19.3B	16.0B	16.8B	225	212	281	198	210	184	68.2	48.4	8
9	24.9B	19.1B	15.9B	17.6B	195	216	265	175	180	182	61.3	41.4	9
10	24.6B	18.9B	15.8B	18.3B	185	228	307	166	171	138	54.6	37.5	10
11	24.3B	18.6B	15.6B	18.1B	133	234	316	220	166	115	50.2	36.2	11
12	24.1B	18.6B	15.7B	20.0B	118	242	316	258	157	93.5	46.2	35.8	12
13	24.0B	18.6B	15.7B	21.0E	110	252	303	278	138	76.9	44.0	36.0	13
14	24.1B	18.4B	15.6B	22.0E	110	272	268	254	125	68.4	43.0	49.0	14
15	24.5B	18.3B	15.5B	23.5E	124	231	241	247	101	63.9A	41.8	64.5	15
16	25.0B	18.2B	15.5B	25.5E	144	195	218	277	84.5	56.0E	44.1	60.8	16
17	25.3B	18.1B	15.4B	27.8E	117	162	228	278	71.5	51.0E	51.1	38.0	17
18	25.8B	18.0B	15.3B	31.0E	108	168	285	245	70.7	49.8E	57.1	36.3	18
19	26.4B	17.9B	15.2B	34.7	110	155	253	233	150	46.0E	62.1	33.1	19
20	26.8B	17.9B	15.1B	49.9	104	142	249	258	284	47.5E	60.8	29.8	20
21	27.1B	17.7B	15.1B	57.9	101	148	225	242	312	48.9E	44.9	26.0	21
22	27.8B	17.6B	15.0B	51.9	116	182	226	210	234	46.2E	41.5	29.0	22
23	28.0B	17.5B	15.0B	53.2	126	202	214	212	222	46.1E	40.2	50.2	23
24	28.9B	17.4B	14.9B	56.4	130	241	217	187	153	48.0E	38.0	74.1	24
25	31.0B	17.2B	14.8B	60.5	128	262	217	183	147	54.5E	35.6	117	25
26	42.0B	17.0B	14.8B	70.0	129	188	223	205	142	49.0E	32.5	142	26
27	34.8B	16.8B	14.7B	81.4	141	202	250	214	112	47.8E	36.0	102	27
28	33.0B	16.8B	14.6B	93.0	167	241	246	212	143	47.4E	71.8	72.1	28
29	32.0B		14.6B	108	201	238	252	202	213	47.8E	83.6	84.3A	28
30	28.0B		14.6B	129	240	240	271	178	138	48.1E	48.3	110 E	30
31	34.0B		14.5B		238		288	154		50.7E		106 E	31
TOTAL	866.0	523.5	479.9	1 196.1	4 809	5 478	7 818	7 084	4 971.7	2 880.4	1 908.9	1 844.5	TOTAL
MEAN	27.8	18.7	15.5	39.9	149	218	252	229	166	92.9	63.6	59.5	MEAN
MAX	42.0	22.8	16.7	129	240	272	316	278	312	284	194	142	MAX
MIN	24.0	16.8	14.5	14.7	101	142	214	154	70.7	46.1	32.5	26.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 111
MAXIMUM DAILY, 316 ON JUL 11
MINIMUM DAILY, 14.5B ON MAR 26
MAXIMUM INSTANTANEOUS,
358 AT 23:03 PST ON SEP 20

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 21 05 N
LONG 130 41 30 W
DRAINAGE AREA, 1 480 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	74 000	JUL	675 000
FEB	45 200	AUG	612 000
MAR	41 500	SEP	430 000
APR	103 000	OCT	248 000
MAY	398 000	NOV	165 000
JUN	559 000	DEC	159 000

TOTAL DISCHARGE, 3 810 000 dam³

VAN TINE CREEK NEAR THE MOUTH - STATION NO. 08JA014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0688	0.0358	0.0318	0.0468	4.58	1.22	0.371	0.424	0.408	0.203	0.188	0.3908	1
2	0.0688	0.0328	0.0308	0.0488	4.43	1.10	0.340	0.437	0.361	0.185	0.172	0.4408	2
3	0.0688	0.0318	0.0308	0.0488	4.37	0.987	0.343	0.410	0.322	0.185	0.226	0.4808	3
4	0.0688	0.0308	0.0308	0.0508	4.34	0.908	0.376	0.348	0.301	0.176	0.345	0.4408	4
5	0.0658	0.0308	0.0318	0.0528	4.13	0.829	0.341	0.309	0.285	0.181	0.309	0.4268	5
6	0.0648	0.0308	0.0318	0.0588	4.03	0.738	0.329	0.278	0.267	0.183	0.270	0.4108	6
7	0.0598	0.0318	0.0328	0.0608	3.87	0.684	0.338	0.248	0.252	0.170	0.238	0.3958	7
8	0.0588	0.0318	0.0328	0.0638	3.53	0.636	0.584	0.228	0.233	0.183	0.241	0.3858	8
9	0.0588	0.0318	0.0328	0.0658	3.17	0.583	0.593	0.218	0.221	0.185	0.418	0.3808	9
10	0.0588	0.0318	0.0338	0.0708	2.88	0.564	0.481	0.211	0.211	0.181	0.838	0.3788	10
11	0.0678	0.0328	0.0338	0.0778	2.43	0.518	0.404	0.273	0.198	0.158	0.6808	0.3858	11
12	0.0688	0.0338	0.0338	0.0848	2.07	0.357	0.362	0.272	0.191	0.184	0.5008	0.3858	12
13	0.0698	0.0338	0.0338	0.1008	1.91	0.362	0.428	0.268	0.185	0.172	0.4008	0.3808	13
14	0.0588	0.0328	0.0338	0.1408	1.68	0.361	0.801	0.283	0.176	0.171	0.3608	0.3408	14
15	0.0578	0.0318	0.0328	0.5408	1.59	0.339	0.487	0.410	0.184	0.185	0.3288	0.3388	15
16	0.0588	0.0318	0.0328	0.5208	1.51	0.332	0.361	0.707	0.187	0.158	0.3138	0.3208	16
17	0.0588	0.0318	0.0328	0.6008	1.38	0.330	0.401	0.584	0.185	0.173	0.3068	0.3188	17
18	0.0578	0.0318	0.0328	0.7208	1.37	0.343	0.420	0.454	0.192	0.246	0.2928	0.3068	18
19	0.0578	0.0318	0.0338	0.7488	2.09	0.346	0.386	0.386	0.326	0.284	0.3408	0.3008	19
20	0.0588	0.0328	0.0348	1.09 B	2.11	0.385	0.322	0.340	0.331	0.238	0.5408	0.3008	20
21	0.0548	0.0328	0.0348	1.05 B	1.92	0.358	0.307	0.380	0.262	0.224	0.5708	0.3068	21
22	0.0538	0.0338	0.0348	1.03 B	1.77	0.456	0.298	1.80	0.222	0.208	0.5408	0.3108	22
23	0.0538	0.0338	0.0348	1.10 B	1.87	0.403	0.486	2.83	0.210	0.188	0.5008	0.3288	23
24	0.0538	0.0338	0.0348	1.40 B	2.58	0.338	1.05	2.11	0.187	0.200	0.4308	0.3408	24
25	0.0548	0.0338	0.0358	1.80 B	2.26	0.292	0.711	1.48	0.182	0.203	0.4068	0.3508	25
26	0.0558	0.0328	0.0358	2.00 B	2.08	0.262	0.534	1.12	0.180	0.205	0.3908	0.3628	26
27	0.0588	0.0328	0.0358	2.40 B	2.08	0.259	0.674	0.871	0.170	0.196	0.3808	0.3508	27
28	0.0578	0.0328	0.0368	2.81	1.77	0.322	0.893	0.738	0.165	0.1788	0.3708	0.3388	28
29	0.0588		0.0388	3.48	1.67	0.346	0.798	0.638	0.171	0.177	0.3858	0.3258	29
30	0.0508		0.0438	4.29	1.42	0.302	0.825	0.534	0.189	0.180	0.3708	0.3158	30
31	0.0618		0.0448		1.32		0.805	0.488		0.1898		0.3008	31
TOTAL	1.818	0.889	1.042	26.348	76.28	15.206	15.498	15.838	5.823	5.833	11.728	10.998	TOTAL
MEAN	0.059	0.032	0.034	0.878	2.53	0.507	0.499	0.840	0.231	0.188	0.391	0.355	MEAN
MAX	0.068	0.035	0.044	4.29	4.58	1.22	1.05	2.83	0.408	0.264	0.838	0.480	MAX
MIN	0.053	0.030	0.030	0.045	1.32	0.259	0.298	0.211	0.184	0.158	0.188	0.300	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.533
MAXIMUM DAILY, 4.58 ON MAY 1
MINIMUM DAILY, 0.0308 ON FEB 4
MAXIMUM INSTANTANEOUS,
5.04 AT 00:15 PST ON MAY 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 15 30 N
LONG 126 24 50 W
DRAINAGE AREA, 153 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	157	JUL 1 240	
FEB	78.8	AUG 1 710	
MAR	90.0	SEP 884	
APR 2 280		OCT 804	
MAY 6 780		NOV 1 010	
JUN 1 310		DEC 950	

TOTAL DISCHARGE, 16 800 dam³

VANCE CREEK BELOW DEAPIES CREEK - STATION NO. 08LC040

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.132	0.0708	0.094	0.282E	2.48	1.18	0.374	0.180	0.188	0.084E	0.081E	0.127	1
2	0.131	0.0858	0.094	0.270E	2.29	1.18	0.387	0.178	0.307	0.083E	0.080E	0.126	2
3	0.128	0.0838	0.094	0.277E	2.55	1.18	0.384	0.174	0.250	0.082E	0.088E	0.126	3
4	0.132	0.0828	0.094	0.281E	2.62	1.11	0.358	0.178	0.200	0.081E	0.086E	0.130	4
5	0.132	0.0828	0.093	0.330E	2.71E	1.10	0.362	0.177	0.210	0.080E	0.087	0.128	5
6	0.133	0.0828	0.090	0.410E	2.88E	1.09	0.368	0.175	0.188	0.080E	0.082E	0.127	6
7	0.105	0.0838	0.090	0.470E	2.98E	1.03	0.348	0.174	0.182	0.078E	0.100E	0.131	7
8	0.1038	0.0838	0.086	0.550E	3.18E	0.981	0.340	0.170	0.170	0.078E	0.107E	0.130	8
9	0.1018	0.0848	0.089	0.600E	3.08E	0.937	0.338E	0.167	0.158	0.078E	0.112E	0.128	9
10	0.1008	0.0848	0.089	0.628	3.45E	0.814	0.338E	0.159	0.151	0.081E	0.118E	0.109	10
11	0.113	0.0888	0.093	0.670	2.60E	0.829	0.324	0.147	0.148	0.082	0.120E	0.084	11
12	0.116	0.0878	0.109	0.763	2.01E	0.660	0.351E	0.140	0.145	0.088E	0.131	0.108	12
13	0.120	0.0888	0.132	0.912	1.67E	0.738	0.370E	0.138	0.136	0.088E	0.148	0.108	13
14	0.122	0.0738	0.126	1.21	1.71E	0.910	0.384E	0.141	0.128	0.088E	0.158	0.108	14
15	0.122	0.078	0.118	1.51	1.63E	0.973	0.320E	0.142	0.127	0.088E	0.148	0.106	15
16	0.121	0.088E	0.112	1.73	1.58E	0.910	0.288E	0.122	0.128	0.080E	0.158	0.103	16
17	0.119	0.084	0.106	1.80	1.58E	0.813	0.280	0.124	0.120	0.080E	0.151	0.087	17
18	0.119	0.084	0.106	1.83	1.63E	0.748	0.280	0.174	0.117	0.091E	0.161	0.082	18
19	0.113	0.084E	0.107	2.25	1.51E	0.883	0.280	0.183	0.118	0.081E	0.162	0.088	19
20	0.112	0.084E	0.112	2.77	1.48E	0.838	0.280	0.140	0.112	0.082E	0.173	0.088	20
21	0.112	0.084E	0.112	2.70	1.48E	0.818	0.250	0.158	0.111	0.082E	0.161	0.080	21
22	0.112	0.084	0.136	2.35	1.48E	0.868	0.250	0.150	0.110	0.093E	0.148	0.088	22
23	0.088	0.084	0.136	2.03	1.44	0.858	0.250	0.167	0.104	0.084E	0.155	0.092	23
24	0.108	0.084	0.136	1.86	1.43	0.855	0.220	0.163	0.102	0.085E	0.144	0.097	24
25	0.108E	0.084	0.135E	1.83	1.42	0.445	0.200	0.168	0.098	0.087E	0.140	0.103	25
26	0.105	0.084	0.181E	1.77	1.40	0.425	0.200	0.155	0.084	0.102E	0.142	0.108	26
27	0.108	0.084	0.188	1.77	1.38	0.408	0.200	0.150	0.082	0.100E	0.137	0.108	27
28	0.112	0.084	0.224	1.88	1.30	0.425	0.200	0.144	0.082	0.088E	0.130	0.101	28
29	0.112		0.241	1.88	1.19	0.394	0.200	0.137	0.081	0.088E	0.128	0.101	29
30	0.128		0.244	2.03	1.20	0.382	0.200	0.130	0.087	0.084E	0.138	0.100	30
31	5.0738		0.264E		1.17		0.180	0.173		0.082E		0.100E	31
TOTAL	3.538	2.202	4.087	40.084	60.44	23.093	9.060	4.885	4.287	2.747	3.818	3.335	TOTAL
MEAN	0.114	0.079	0.132	1.34	1.95	0.770	0.292	0.158	0.143	0.088	0.131	0.108	MEAN
MAX	0.133	0.084	0.264	2.77	3.45	1.18	0.384	0.188	0.307	0.102	0.162	0.131	MAX
MIN	0.075	0.062	0.086	0.282	1.17	0.382	0.180	0.122	0.087	0.078	0.087	0.080	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.443
MAXIMUM DAILY, 3.45E ON MAY 10
MINIMUM DAILY, 0.062E ON FEB 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 17 05 N
LONG 118 58 48 W
DRAINAGE AREA, 73.3 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	306	JUL 783	
FEB	180	AUG 428	
MAR	364	SEP 388	
APR 2 480		OCT 237	
MAY 6 320		NOV 336	
JUN 2 090		DEC 386	

TOTAL DISCHARGE, 14 000 dam³

VASEUX CREEK ABOVE SOLCO CREEK - STATION NO. 08NM171

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0718	0.0548	0.0428	0.087	2.38	3.75	0.545	0.118	0.130	0.080	0.1808	0.384	1
2	0.0708	0.0448	0.0428	0.088	2.34	4.00	0.531	0.126	0.281	0.080	0.260	0.344	2
3	0.0718	0.0348	0.0428	0.087	2.31	3.84	0.481	0.147	0.448	0.080	0.803	0.309	3
4	0.0748	0.0418	0.0448	0.087	2.48	3.20	0.418	0.138	0.273	0.084	0.817	0.324	4
5	0.0768	0.0448	0.0488	0.081	2.78	3.08	0.373	0.126	0.217	0.084	0.573	0.383	5
6	0.0738	0.0448	0.0808	0.122	2.82	2.84	0.337	0.115	0.184	0.085	0.442	0.280	6
7	0.0878	0.0448	0.0838	0.188	3.02	2.58	0.314	0.109	0.157	0.085	0.384	0.235	7
8	0.0838	0.0448	0.0578	0.190	2.90	2.33	0.306	0.105	0.141	0.085	0.324	0.228	8
9	0.0848	0.0458	0.0828	0.158	2.88	2.09	0.284	0.114	0.122	0.085	0.362	0.223	9
10	0.0858	0.0458	0.087	0.144	4.81	1.88	0.331	0.188	0.123	0.085	0.577	0.212	10
11	0.0868	0.0468	0.078	0.177	3.86	1.68	0.483	0.150	0.118	0.084	0.686	0.1758	11
12	0.0888	0.0468	0.082	0.231	2.81	1.49	0.362	0.128	0.114	0.088	0.514	0.1418	12
13	0.0858	0.0478	0.105	0.328	2.52	1.36	0.340	0.122	0.110	0.087	0.418	0.1428	13
14	0.0708	0.0488	0.104	0.478	2.30	1.31	0.350	0.115	0.108	0.104	0.383	0.1438	14
15	0.0738	0.0838	0.102	0.885	2.28	1.44	0.822	0.147	0.100	0.097	0.2908	0.1488	15
16	0.0738	0.0538	0.092	0.848	2.25	1.44	0.843	0.207	0.098	0.098E	0.2228	0.1408	16
17	0.0728	0.0538	0.082	0.818	2.38	1.18	0.480	0.217	0.098	0.0998	0.2368	0.1378	17
18	0.0788	0.0588	0.082	1.06	2.74	0.942	0.381	0.185	0.101	0.100E	0.2608	0.1308	18
19	0.0778	0.0578	0.075	1.89	2.47	0.876	0.322	0.167	0.101	0.101E	0.2708	0.1288	19
20	0.0768	0.0588	0.073	1.97	2.43	0.890	0.278	0.158	0.098	0.102E	0.2308	0.1298	20
21	0.0738	0.0808	0.073	1.86	2.43	0.788	0.247	0.153	0.098	0.103E	0.1928	0.1308	21
22	0.0708	0.0828	0.072	1.33	2.26	0.784	0.228	0.153	0.098	0.108E	0.1588	0.1338	22
23	0.0878	0.0828	0.074	1.03	2.80	0.737	0.215	0.137	0.093	0.700E	0.1328	0.1398	23
24	0.0848	0.0588	0.078	0.893	2.48	0.847	0.201	0.125	0.090	2.87 E	0.1378	0.1478	24
25	0.0828	0.0528	0.074	1.12	2.48	0.827	0.187	0.124	0.088	1.80 E	0.1388	0.1808	25
26	0.0828	0.0808	0.078	0.912	2.80	0.587	0.176	0.183	0.088	1.10 E	0.1418	0.1488	26
27	0.0838	0.0478	0.077	0.892	3.85	0.524	0.167	0.201	0.088	1.15 E	0.1448	0.1418	27
28	0.0888	0.0468	0.080	1.12	4.70	0.488	0.160	0.178	0.087	0.800E	0.1488	0.1388	28
29	0.0888		0.084	1.58	3.54	0.514	0.148	0.180	0.083	0.400E	0.1508	0.1368	29
30	0.0708		0.086	2.00	3.23	0.531	0.134	0.142	0.081	0.1918	0.1578	0.1378	30
31	0.0708		0.088		3.32		0.123	0.128		0.1888		0.1388	31
TOTAL	2.150	1.390	2.288	22.803	88.84	48.300	10.144	4.803	4.024	10.714	8.350	5.834	TOTAL
MEAN	0.069	0.050	0.073	0.750	2.88	1.81	0.327	0.148	0.134	0.345	0.312	0.188	MEAN
MAX	0.077	0.082	0.105	2.00	4.81	4.00	0.843	0.217	0.448	2.87	0.817	0.384	MAX
MIN	0.062	0.034	0.042	0.087	2.28	0.488	0.123	0.105	0.081	0.080	0.132	0.128	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.575
MAXIMUM DAILY, 4.81 ON MAY 10
MINIMUM DAILY, 0.0348 ON FEB 3
MAXIMUM INSTANTANEOUS,
8.08 AT 14:48 PST ON MAY 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 14 54 N
LONG 119 19 18 W
DRAINAGE AREA, 117 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	185	JUL	878
FEB	120	AUG	398
MAR	195	SEP	348
APR	1 940	OCT	926
MAY	7 650	NOV	808
JUN	4 170	DEC	504

TOTAL DISCHARGE, 16 100 dam³

VEDDER RIVER NEAR YARROW - STATION NO. 08MH047

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.002	3.335	2.888	3.000	3.572	3.886	3.425	3.080	2.811	2.735	2.894	3.415	1
2	3.000	3.280	2.888	3.008	3.630	3.778	3.388	3.102	2.806	2.727	2.877	3.602	2
3	3.010	3.142	2.847	2.990	3.686	3.690	3.382	3.073	2.880	2.728	2.888	3.688	3
4	3.022	3.138	2.840	2.988	3.688	3.988	3.360	3.038	2.872	2.720	3.882	3.875	4
5	3.018	3.108	2.880	3.288	3.894	4.000	3.211	3.027	2.878	2.718	3.410	4.280	5
6	3.010	3.080	2.886	3.308	3.850	3.975	3.310	3.030	2.880	2.710	3.388	4.010	6
7	3.008	3.042	2.886	3.248	3.838	3.903	3.287	3.028	2.886	2.708	3.368	3.882	7
8	3.004	3.027	2.892	3.182	3.844	3.878	3.288	3.018	2.838	2.705	3.825	3.878	8
9	3.001	3.014	2.898	3.238	3.847	3.800	3.283	3.003	2.827	2.887	5.800E	3.870	9
10	3.002	2.998	2.818	3.244	3.804	3.732	3.288	2.984	2.818	2.728	5.338	3.788	10
11	3.000	2.992	3.137	3.251	3.780	3.804	3.267	2.988	2.808	2.735	4.818	3.700	11
12	3.000	2.988	3.138	3.258	3.885	3.839	3.298	2.982	2.805	3.143	4.248	3.888	12
13	2.998	2.950	3.130	3.382	3.823	3.850	3.325	2.945	2.802	3.038	3.885	3.885	13
14	2.998	2.947	3.088	3.470	3.495	3.410	3.340	3.000	2.800	2.828	3.885	3.825	14
15	3.000	2.936	3.062	3.572	3.517	3.781	3.348	3.122	2.794	2.880	3.748	3.840	15
16	3.008	2.925	3.033	3.483	3.547	3.675	3.280	3.108	2.788	2.880	3.880	3.488	16
17	3.008	2.914	3.010	3.420	3.578	3.603	3.272	3.007	2.784	2.838	3.818	3.484	17
18	3.132	2.910	3.002	3.408	3.532	3.542	3.248	2.978	2.788	2.880	3.891	3.408	18
19	3.084	2.908	2.983	3.488	3.488	3.504	3.247	2.982	2.778	2.824	3.885	3.384	19
20	3.057	2.902	2.974	3.538	3.404	3.508	3.218	2.950	2.788	3.018	4.088	3.372	20
21	3.050	2.900	3.018	3.600	3.383	3.434	3.188	3.218	2.783	3.007	3.904	3.388	21
22	3.028	2.988	3.008	3.508	3.340	3.438	3.147	3.180	2.748	3.038	3.872	3.381	22
23	2.998	2.942	3.000	3.428	3.332	3.588	3.142	3.103	2.748	3.050	3.818	3.327	23
24	2.988	2.928	2.998	3.408	3.328	3.543	3.142	3.048	2.740	3.019	3.734	3.312	24
25	2.982	2.908	2.982	3.410	3.310	3.810	3.140	3.010	2.748	3.012	3.888	3.298	25
26	2.988	2.897	2.985	3.400	3.308	3.680	3.131	2.988	2.782	3.078	3.828	3.288	26
27	2.980	2.893	3.003	3.404	3.358	3.513	3.108	2.984	2.787	3.030	3.802	3.278	27
28	2.944	2.874	3.887	3.430	3.372	3.431	3.077	2.963	2.747	2.895	3.830	3.282	28
29	2.948		3.028	3.488	3.388	3.408	3.078	2.940	2.748	2.880	3.481	3.264	29
30	3.870		3.008	3.538	3.440	3.418	3.070	2.938	2.738	2.833	3.487	3.231	30
31	3.480		3.008		3.843		3.058	2.918		2.812		3.228	31
MEAN	3.047	2.992	2.977	3.344	3.533	3.884	3.240	3.022	2.802	2.889	3.793	3.880	MEAN
MAX	3.870	3.335	3.137	3.800	3.850	4.000	3.425	3.218	2.811	3.143	5.800	5.075	MAX
MIN	2.944	2.874	2.840	2.988	3.308	3.408	3.058	2.918	2.738	2.887	2.877	3.228	MIN

WATER LEVELS IN METRES

MEAN, 3.243
MAXIMUM DAILY, 5.800E ON NOV 9
MINIMUM DAILY, 2.887 ON OCT 9

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 05 30 N
LONG 122 02 10 W

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 5.780 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

VERNON CREEK AT OUTLET OF KALAMALKA LAKE - STATION NO. 08NM085

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.127	0.116	0.118	0.116	2.86	4.52	0.312	0.137	0.113	0.118	0.118	0.128	1
2	0.127	0.116	0.118	0.111	2.76	4.40	0.312	0.148	0.126	0.119	0.117	0.134	2
3	0.127	0.115	0.119	0.119	2.78	4.43	0.314	0.144	0.135	0.118	0.118	0.113	3
4	0.125	0.116	0.118	0.122	2.79	4.39	0.314	0.137	0.135	0.118	0.126	0.122	4
5	0.127	0.116	0.116	0.120	2.01	4.51	0.301	0.128	0.136	0.117	0.111	0.123	5
6	0.126	0.116	0.118	0.118	1.57	4.63	0.305	0.124	0.133	0.117	0.103	0.123	6
7	0.125	0.115	0.117	0.105	2.77	4.56	0.328	0.129	0.132	0.117	0.122	0.121	7
8	0.125	0.114	0.115	0.118	3.18	4.74	0.740	0.127	0.218	0.117	0.113	0.127	8
9	0.126	0.116	0.118	0.124	3.52	4.70	0.865	0.130	0.130	0.118	0.088	0.124	9
10	0.124	0.122	0.116	0.119	3.74	4.38	0.287	0.125	0.130	0.101	0.085	0.123	10
11	0.118	0.125	0.108	0.117	4.18	4.13	0.216	0.134	0.131	0.115	0.117	0.123	11
12	0.118	0.118	0.104	0.116	4.07	3.86	0.148	0.135	0.131	0.112	0.114	0.121	12
13	0.118	0.118	0.115	0.118	4.22	3.69	0.148	0.114	0.131	0.122	0.114	0.123	13
14	0.115	0.118	0.121	0.128	4.37	3.63	0.148	0.118	0.128	0.120	0.114	0.123	14
15	0.118	0.116	0.122	0.121	4.44	3.53	0.155	0.124	0.128	0.118	0.118	0.121	15
16	0.128	0.115	0.121	0.112	4.52	3.59	0.144	0.137	0.121	0.117	0.108	0.122	16
17	0.103	0.114	0.121	0.126	4.54	3.46	0.133	0.135	0.121	0.118	0.108	0.121	17
18	0.097	0.116	0.121	0.118	4.00	3.36	0.153	0.133	0.122	0.116	0.108	0.121	18
19	0.111	0.118	0.121	0.120	4.12	3.35	0.164	0.133	0.110	0.114	0.088	0.128	19
20	0.109	0.118	0.121	0.117	5.07	3.29	0.158	0.118	0.122	0.115	0.103	0.120	20
21	0.108	0.118	0.121	0.130	4.88	3.28	0.146	0.118	0.128	0.114	0.123	0.118	21
22	0.108	0.120	0.122	0.145	4.64	3.10	0.151	0.117	0.130	0.112	0.121	0.118	22
23	0.108	0.119	0.120	0.887	4.84	3.06	0.153	0.248	0.128	0.112	0.121	0.118	23
24	0.110	0.122	0.121	1.17	4.52	3.05	0.152	0.275	0.127	0.102	0.112	0.114	24
25	0.110	0.117	0.123	1.75	4.61	3.02	0.152	0.137	0.134	0.080	0.112	0.103	25
26	0.110	0.117	0.124	2.21	4.71	2.40	0.153	0.136	0.129	0.101	0.108	0.112	26
27	0.112	0.118	0.104	2.34	4.78	1.71	0.213	0.133	0.118	0.107	0.103	0.118	27
28	0.114	0.117	0.105	2.49	4.62	1.54	0.141	0.122	0.119	0.103	0.118	0.109	28
29	0.112		0.129	2.83	4.71	0.778	0.147	0.113	0.119	0.100	0.127	0.112	29
30	0.083		0.121	2.18	4.81	0.380	0.148	0.134	0.119	0.143	0.128	0.111	30
31	0.078		0.111		4.71		0.122	0.103		0.154		0.108	31
TOTAL	3.644	3.286	3.847	18.377	122.67	103.446	7.214	4.295	3.883	3.551	3.381	3.886	TOTAL
MEAN	0.114	0.117	0.118	0.809	3.95	3.45	0.233	0.137	0.129	0.115	0.113	0.118	MEAN
MAX	0.127	0.125	0.129	2.93	5.07	4.74	0.740	0.275	0.218	0.154	0.127	0.134	MAX
MIN	0.078	0.114	0.104	0.105	1.57	0.380	0.122	0.103	0.110	0.080	0.085	0.103	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.789
MAXIMUM DAILY, 5.07 ON MAY 20
MINIMUM DAILY, 0.078 ON JAN 31
MAXIMUM INSTANTANEOUS,
5.80 AT 17:36 PST ON MAY 25

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 14 18 N
LONG 119 18 58 W
DRAINAGE AREA, 572 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	306	JUL	623
FEB	262	AUG	368
MAR	315	SEP	336
APR 1	880	OCT	307
MAY 10	800	NOV	292
JUN 8	840	DEC	319

TOTAL DISCHARGE, 24 300 dam³

VERNON CREEK AT OUTLET OF SWALWELL LAKE - STATION NO. 08NM022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.047	0.110E	0.105	0.120	4.04	1.88	0.823	0.748	0.382	0.288	0.238	0.238	1
2	0.047	0.110E	0.105	0.120	4.21	1.49	0.810	0.687	0.388	0.287	0.242	0.234	2
3	0.047	0.110E	0.108	0.118	4.13	1.31	0.812	0.578	0.384	0.284	0.236	0.238	3
4	0.048	0.110E	0.108	0.118	3.98	1.11	0.822	0.583	0.384	0.288	0.236	0.234	4
5	0.048	0.110E	0.104	0.117	3.80	1.04	0.884	0.848	0.388	0.284	0.241	0.234	5
6	0.047	0.110E	0.108	0.120	3.84	0.980	0.848	0.831	0.331	0.288	0.242	0.237	6
7	0.048	0.110E	0.105	0.120	3.68	1.01	0.872	0.888	0.316	0.284	0.242	0.230	7
8	0.047	0.110E	0.106	0.118	3.31	1.03	0.878	0.888	0.288	0.284	0.243	0.234	8
9	0.049	0.110E	0.102	0.120	3.01	1.00	0.880	0.878	0.288	0.284	0.241	0.238	9
10	0.047	0.110E	0.087	0.119	3.01	0.970	0.888	0.874	0.288	0.282	0.244	0.233	10
11	0.048	0.110E	0.088	0.120	3.08	0.988	0.852	0.886	0.288	0.284	0.238	0.238	11
12	0.047	0.110E	0.088	0.273	2.84	0.906	0.727	0.713	0.288	0.283	0.244	0.238	12
13	0.047	0.110E	0.084	0.477	2.48	0.830	0.778	0.686	0.288	0.281	0.238	0.232	13
14	0.047	0.110E	0.083	0.431	2.24	0.775	0.773	0.602	0.287	0.282	0.237	0.234	14
15	0.048	0.110E	0.088	0.380	1.98	0.748	0.735	0.488	0.286	0.283	0.238	0.233	15
16	0.048	0.110E	0.087	0.378	1.78	0.712	0.824	0.482	0.286	0.286	0.238	0.224	16
17	0.048	0.110E	0.101	0.381	1.88	0.883	0.821	0.432	0.284	0.288	0.238	0.228	17
18	0.044	0.110A	0.103	0.378	1.81	0.868	0.828	0.418	0.283	0.286	0.231	0.231	18
19	0.044	0.110	0.102	0.377	1.73	0.822	0.826	0.412	0.282	0.288	0.234	0.231	19
20	0.048	0.108	0.101	0.388	1.83	0.887	0.822	0.408	0.283	0.286	0.231	0.228	20
21	0.044	0.111	0.102	0.382	1.88	0.881	0.884	0.411	0.282	0.288	0.233	0.230	21
22	0.044	0.112	0.103	0.402	1.88	0.882	0.881	0.412	0.281	0.288	0.233	0.229	22
23	0.0388	0.108	0.108	0.408	1.87	0.820	0.880	0.410	0.281	0.285	0.235	0.228	23
24	0.0408	0.108	0.107	0.418	1.71	0.874	0.888	0.408	0.282	0.284	0.233	0.227	24
25	0.0418	0.108	0.108	0.428	1.83	0.877	0.721	0.404	0.282	0.281	0.228	0.228	25
26	0.0448	0.107	0.108	1.88	1.83	0.888	0.724	0.388	0.281	0.288	0.228	0.228	26
27	0.0808	0.108	0.108	2.36	2.12	0.814	0.723	0.376	0.283	0.282	0.241	0.226	27
28	0.1108	0.108	0.105	2.85	2.48	0.885	0.880	0.388	0.284	0.281	0.236	0.208	28
29	0.1108		0.105	3.28	2.37	0.840	0.853	0.384	0.288	0.280	0.228	0.180	29
30	0.1108		0.108	3.83	2.14	0.820	0.880	0.383	0.288	0.281	0.238	0.178	30
31	0.1108		0.113		1.88		0.708	0.383		0.244		0.181	31
TOTAL	1.898	3.088	3.208	20.840	78.88	24.877	18.813	18.808	8.872	8.142	7.118	8.897	TOTAL
MEAN	0.055	0.110	0.103	0.888	2.84	0.833	0.843	0.810	0.288	0.283	0.237	0.228	MEAN
MAX	0.110	0.112	0.113	3.83	4.21	1.88	0.778	0.748	0.388	0.288	0.244	0.237	MAX
MIN	0.038	0.108	0.083	0.118	1.48	0.820	0.488	0.383	0.281	0.244	0.228	0.178	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.845
MAXIMUM DAILY, 4.21 ON MAY 2
MINIMUM DAILY, 0.0388 ON JAN 23
MAXIMUM INSTANTANEOUS,
4.38 AT 17:03 PST ON MAY 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 02 35 N
LONG 119 14 38 W
DRAINAGE AREA, 82.4 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	146	JUL	1 730
FEB	265	AUG	1 370
MAR	277	SEP	741
APR 1	780	OCT	703
MAY 8	810	NOV	618
JUN 2	180	DEC	805

TOTAL DISCHARGE, 17 200 dam³

VERNON CREEK NEAR THE MOUTH - STATION NO. 08NM160

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.400	0.278	0.582	1.00	---	---	---	---	---	---	1.83	0.828	1
2	0.402	0.253	0.576	0.895	---	---	---	---	---	---	1.71	0.835	2
3	0.423	0.255	0.528	0.874	---	---	---	---	---	---	1.84	0.856	3
4	0.408	0.257	0.517	0.930	---	---	---	---	---	---	1.08	0.870	4
5	0.408	0.255	0.541	0.944	---	---	---	---	---	---	1.03	0.870	5
6	0.407	0.252	0.511	0.918	---	---	---	---	---	---	1.01	0.858	6
7	0.409	0.250	0.511	0.880	---	---	---	---	---	---	0.950	0.870	7
8	0.410	0.248	0.541	0.880	---	---	---	---	---	---	0.918	0.870	8
9	0.411	0.255	0.588	0.825	---	---	---	---	---	---	0.880	0.877	9
10	0.415	0.263	1.59	0.825	---	---	---	---	---	---	1.99	0.870	10
11	0.409	0.261	0.887	0.851	---	---	---	---	---	---	1.03	0.856	11
12	0.407	0.259	1.04	0.880	---	---	---	---	---	---	1.08	0.858	12
13	0.404	0.257	0.895	0.825	---	---	---	---	---	---	1.04	0.856	13
14	0.402	0.264	0.881	0.787	---	---	---	---	---	---	1.03	0.859	14
15	0.400	0.268	0.870	0.825	---	---	---	---	---	---	1.00	0.858	15
16	0.484	0.258	0.511	0.825	---	---	---	---	---	---	0.885	0.835	16
17	0.418	0.333	0.482	0.895	---	---	---	---	---	---	0.885	0.835	17
18	0.315	0.290	0.442	0.880	---	---	---	---	---	---	0.885	0.821	18
19	0.305	0.271	0.467	0.880	---	---	---	---	---	---	1.01	0.835	19
20	0.288	0.284	0.511	0.930	---	---	---	---	---	---	1.03	0.807	20
21	0.282	0.287	0.482	0.930	---	---	---	---	---	---	0.858	0.800	21
22	0.268	0.776	0.482	1.00	---	---	---	---	---	---	0.885	0.594	22
23	0.261	0.848	0.482	1.48	---	---	---	---	---	---	0.845	0.800	23
24	0.258	1.61	0.512	2.41	---	---	---	---	---	---	0.740	0.800	24
25	0.261	0.891	0.512	3.11	---	---	---	---	---	---	0.705	0.821	25
26	0.268	0.842	0.482	3.85	---	---	---	---	---	---	0.705	0.835	26
27	0.268	0.676	0.472	4.02	---	---	---	---	---	---	0.870	0.835	27
28	0.267	0.582	0.457	4.45	---	---	---	---	---	---	0.870	0.826	28
29	0.264		0.457	4.28	---	---	---	---	---	---	0.835	0.835	29
30	0.593		0.457	4.38	---	---	---	---	---	---	0.835	0.835	30
31	0.295		0.780	---			---	---		---		0.848	31
TOTAL	11.278	11.278	18.377	47.247	---	---	---	---	---	---	30.828	18.847	TOTAL
MEAN	0.384	0.403	0.593	1.57	---	---	---	---	---	---	1.03	0.840	MEAN
MAX	0.593	1.81	1.59	4.45	---	---	---	---	---	---	1.99	0.877	MAX
MIN	0.267	0.248	0.442	0.787	---	---	---	---	---	---	0.835	0.594	MIN

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 60 15 19 N
LONG 119 18 20 W
DRAINAGE AREA, 751 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	874	JUL	---
FEB	976	AUG	---
MAR	1 590	SEP	---
APR	4 080	OCT	---
MAY	---	NOV	2 670
JUN	---	DEC	1 710

WANN RIVER NEAR AYLIN - STATION NO. 09AA015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.688	1.22 B	0.8508	0.7408	1.32	26.1	23.7	22.5	14.7	9.08	3.26	2.128	1
2	1.678	1.19 B	0.8308	0.7388	1.66	26.2	24.2	22.8	13.7	8.68	3.22	2.128	2
3	1.648	1.17 B	0.8078	0.7368	2.16	25.0	24.5	22.8	13.0	8.10	3.20	2.138	3
4	1.628	1.15 B	0.8858	0.7258	2.88	25.0	24.3	22.1	12.9	8.48	3.18	2.128	4
5	1.598	1.15 B	0.8858	0.7258	4.00	28.7	24.1	20.8	12.7	8.85	3.14	2.118	5
6	1.588	1.15 B	0.8488	0.7238	5.46	27.6	24.5	20.4	12.8	10.1	3.14	2.088	6
7	1.578	1.14 B	0.8308	0.7278	7.20	27.1	25.4	21.4	14.2	10.0	3.07	2.068	7
8	1.588	1.13 B	0.8138	0.7318	8.76	26.2	27.5	21.7	15.3	9.73	3.03	2.038	8
9	1.558	1.12 B	0.7958	0.7348	10.1	25.4	30.3	20.5	16.0	9.62	3.02	1.988	9
10	1.548	1.12 B	0.7788	0.7388	10.8	24.9	32.7	19.0	16.2	9.38	2.98	1.938	10
11	1.548	1.12 B	0.7808	0.7428	11.3	24.2	34.7	18.5	18.4	9.10	2.84	1.888	11
12	1.558	1.12 B	0.7508	0.7428	11.3	23.7	38.4	18.6	18.2	8.72	2.78	1.888	12
13	1.558	1.12 B	0.7408	0.742A	11.0	24.0	38.8	21.6	15.4	8.18	2.66	1.838	13
14	1.548	1.12 B	0.7328	0.743	10.8	26.1	38.8	23.3	14.3	7.83	2.58	1.828	14
15	1.538	1.11 B	0.7268	0.736	10.3	27.8	38.8	23.7	13.0	7.12	2.52	1.838	15
16	1.508	1.11 B	0.7258	0.726	10.1	27.1	32.8	23.7	11.8	6.72	2.80A	1.828	16
17	1.488	1.10 B	0.7258	0.722	9.83	25.2	28.5	23.3	10.3	6.47	2.44	1.838	17
18	1.488	1.08 B	0.7278	0.727	9.59	23.1	27.6	22.7	9.44	6.12	2.36	1.848	18
19	1.438	1.08 B	0.7288	0.731	9.37	21.3	27.0	22.4	8.73	5.89	2.37	1.888	19
20	1.388	1.07 B	0.7368	0.728	9.17	20.3	28.8	22.1	8.00	5.41	2.32	1.878	20
21	1.378	1.07 B	0.7408	0.774	9.12	19.7	28.8	21.1	7.45	5.14	2.27	1.878	21
22	1.388	1.08 B	0.7368	0.786	9.37	18.4	26.3	20.3	7.38	4.87	2.27	1.878	22
23	1.378	1.08 B	0.7288	0.783	9.83	18.1	24.8	19.3	6.64	4.66	2.21	1.878	23
24	1.368	1.04 B	0.7248	0.787	10.5	20.2	23.4	18.4	6.69	4.45	2.18	1.888	24
25	1.398	1.03 B	0.7288	0.822	11.0	22.1	22.0	17.5	10.3	4.28	2.13	1.888	25
26	1.368	1.02 B	0.7288	0.852	11.6	23.0	20.8	17.1	10.5	4.08	2.10	1.878	26
27	1.378	1.01 B	0.7308	0.807	12.2	23.1	19.8	16.8	10.7	3.89	2.08B	1.858	27
28	1.368	0.9918	0.7288	0.880	13.1	23.2	18.7	16.8A	10.8	3.70	2.08B	1.838	28
29	1.328		0.7368	1.05	14.8	23.3	20.1	16.3	10.1	3.56	2.08B	1.818	29
30	1.288		0.7418	1.16	16.0	23.8	21.0	16.1	8.56	3.46	2.08B	1.798	30
31	1.268		0.7448		23.3		21.7	15.6		3.37		1.778	31
TOTAL	45.81	30.871	24.010	23.574	298.94	718.7	831.2	630.5	368.82	211.76	78.08	59.41	TOTAL
MEAN	1.48	1.10	0.775	0.786	9.64	24.0	26.8	20.3	12.0	6.83	2.60	1.92	MEAN
MAX	1.69	1.22	0.850	1.16	23.3	27.8	38.8	23.7	18.4	10.1	3.26	2.13	MAX
MIN	1.26	0.991	0.724	0.722	1.32	18.1	18.8	15.6	7.38	3.37	2.06	1.77	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.08
MAXIMUM DAILY, 38.8 ON JUL 13
MINIMUM DAILY, 0.722 ON APR 17
MAXIMUM INSTANTANEOUS,
38.9 AT 08:10 PST ON JUL 13

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 35 55 N
LONG 134 12 20 W
DRAINAGE AREA, 289 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 950	JUL	71 800
FEB	2 670	AUG	64 500
MAR	2 070	SEP	31 100
APR	2 040	OCT	16 300
MAY	26 900	NOV	6 740
JUN	62 200	DEC	5 130

TOTAL DISCHARGE, 366 000 dam³

WANNOCK RIVER AT OUTLET OF OWIKENO LAKE - STATION NO. 08FA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	87.4	316	58.5	74.0	405	443	384	516	334	218	187	185	1
2	86.8	282	56.2	76.4	441	514	382	514	313	200	187	312	2
3	89.6	217	54.3	78.7	480	580	377	495	296	185	363	517	3
4	92.0	168	53.2	76.7	482	640	375	483	297	182	522	617	4
5	88.8	150	52.6	75.7	472	697	368	473	293	185	589	583	5
6	86.2	142	54.5	77.7	528	706	380	470	280	184	498	476	6
7	80.5	127	54.5	88.3	584	680	348	478	282	188	434	405	7
8	75.6	116	54.2	81.2	591	658	348	478	302	186	431	373	8
9	75.1	108	54.5	90.5	580	628	344	474	308	212	800	328	9
10	73.1	96.8	58.6	91.8	534	603	360	447	294	252	1 470	286	10
11	72.9	89.9	58.9	86.6	474	615	407	410	282	278	1 140	248	11
12	80.7	84.7	60.6	108	412	651	441	376	276	281	832	220	12
13	93.4	78.6	61.2	120	384	700	480	380	278	271	626	197	13
14	92.7	74.6	60.6	147	321	788	508	354	277	248	493	178	14
15	91.4	71.6	59.6	178	312	778	513	336	285	222	398	162	15
16	100	69.3	58.3	188	323	692	517	322	265	197	338	145	16
17	116	64.3	57.4	186	335	605	522	333	228	232	323	136	17
18	118	60.3	58.6	186	327	535	520	362	205	804	832	126	18
19	118	58.8	58.6	199	303	488	512	388	192	824	782	118	19
20	126	56.9	54.5	244	277	420	508	407	183	848	710	114	20
21	133	55.9	56.4	291	254	382	513	480	184	805	571	112	21
22	129	56.9	58.0	285	234	368	488	488	188	527	453	148	22
23	120	60.0	60.0	266	223	421	486	466	188	455	388	220	23
24	111	61.1	58.5	251	216	478	439	417	204	420	338	303	24
25	106	64.3	60.3	251	211	551	423	387	210	384	283	370	25
26	104	63.0	61.4	281	214	592	422	384	217	382	255	480	26
27	117	63.4	58.0	275	216	641	426	378	220	343	226	548	27
28	124	62.0	72.2	280	230	672	429	363	216	293	208	600	28
29	159		74.0	316	280	627	424	355	220	255	204	436	29
30	301		73.2	381	284	588	438	348	226	231	182	385	30
31	373		76.5		386		441	346		209		342	31
TOTAL	3 620.5	2 927.5	1 849.4	5 321.5	11 209	17 070	13 745	12 801	7 511	9 626	14 972	9 884	TOTAL
MEAN	117	105	59.7	177	362	569	437	413	250	310	499	308	MEAN
MAX	373	316	76.5	381	591	788	522	516	334	848	1 470	617	MAX
MIN	72.9	56.9	52.6	74.0	211	382	344	322	183	182	187	112	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 302
MAXIMUM DAILY, 1 470 ON NOV 10
MINIMUM DAILY, 52.6 ON MAR 5
MAXIMUM INSTANTANEOUS,
1 550 AT 05 14 PST ON NOV 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 40 45 N
LONG 127 10 48 W
DRAINAGE AREA, 3 940 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	313 000	JUL	1 170 000
FEB	283 000	AUG	1 110 000
MAR	160 000	SEP	849 000
APR	480 000	OCT	832 000
MAY	968 000	NOV	1 280 000
JUN	1 470 000	DEC	825 000

TOTAL DISCHARGE, 8 500 000 dam³

WEST CREEK NEAR PORT LANGLEY - STATION NO. 08MH008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.831	0.3158	0.1858	1.26	0.052	0.120	0.038	0.033	0.024	0.027	0.181	0.191	1
2	0.894	0.1478	0.1308	1.54	0.052	0.075	0.038	0.027	0.026	0.027	0.132	0.342	2
3	2.87	0.0758	0.0848	0.782	0.051	0.061	0.038	0.024	0.025	0.028	1.26	1.38	3
4	1.68	0.0708	0.0808	1.03	0.044	0.050	0.031	0.022	0.024	0.028	2.04	3.59	4
5	0.886	0.0678	0.401	2.22	0.040	0.038	0.028	0.020	0.024	0.028	0.719	1.46	5
6	0.630	0.0648	0.887	1.35	0.042	0.038	0.027	0.020	0.022	0.028	0.838	1.51	6
7	0.301	0.0618	0.547	0.808	0.040	0.034	0.027	0.018	0.021	0.028	0.889	1.01	7
8	0.237	0.0588	0.464	0.502	0.038	0.033	0.027	0.017	0.020	0.028	1.87	3.11	8
9	0.417	0.0578	0.588	0.371	0.036	0.030	0.027	0.017	0.022	0.027	5.49	0.840	9
10	0.708	0.0568	0.647	0.235	0.040	0.029	0.024	0.018	0.021	0.037	7.49	0.585	10
11	0.443	0.0558	0.483	0.177	0.042	0.027	0.025	0.018	0.022	0.084	2.38	0.208A	11
12	0.710	0.0538	1.67	0.156	0.038	0.023	0.025	0.017	0.022	0.080	1.24	0.200E	12
13	1.80	0.0528	1.38	0.184	0.034	0.030	0.025	0.023	0.024	0.113	0.742	0.182A	13
14	0.656	0.0518	0.735	0.094	0.033	0.054	0.024	0.114	0.023	0.065	0.533	0.170E	14
15	1.55	0.0518	0.493	0.080	0.029	0.034	0.023	0.049	0.024	0.052	0.339	0.160E	15
16	5.33	0.0578	0.367	0.084	0.029	0.030	0.028	0.048	0.026	0.047	0.293	0.138E	16
17	2.86	0.0588	0.298	0.113	0.075	0.035	0.032	0.038	0.026	0.045	0.288	0.130E	17
18	4.00	0.0588	0.290	0.074	0.135	0.043	0.023	0.029	0.024	0.081	0.278	0.126E	18
19	1.13	0.077	0.281	0.081	0.140	0.045	0.022	0.026	0.023	0.087	0.342	0.190E	19
20	0.885	0.113	0.218	0.160	0.062	0.065	0.025	0.070	0.028	0.062	1.64	0.810E	20
21	0.632	0.200	0.583	0.402	0.063	0.042	0.024	0.166	0.025	0.088	1.63	0.400E	2'
22	0.497	1.41	0.507	0.200	0.060	0.036	0.022	0.094	0.025	0.178	0.888	0.290E	22
23	0.388	1.20	0.347	0.159	0.151	0.032	0.018	0.062	0.024	0.301	0.732	0.240E	23
24	0.298	0.850	0.282	0.118	1.10	0.026	0.020	0.038	0.024	0.834	1.19	0.320E	24
25	0.248	0.524	0.904	0.082	0.857	0.026	0.018	0.032	0.023	0.276	1.98	0.190E	25
26	0.248	0.385	0.917	0.105	0.862	0.026	0.018	0.028	0.030	1.05	1.06	0.180E	26
27	0.277	0.310	1.32	0.088	2.81	0.034	0.018	0.028	0.026	0.826	0.878	0.211E	27
28	0.228	0.278	0.874	0.070	1.26	0.037	0.018	0.027	0.026	0.506	0.648	0.285E	28
29	0.236		1.18	0.060	0.591	0.036	0.017	0.023	0.026	0.273	0.416	0.182E	29
30	0.828		0.868	0.068	0.267	0.033	0.018	0.024	0.026	0.208	0.263	0.310E	30
31	1.08		0.800		0.181		0.023	0.024		0.178		0.286E	31
TOTAL	32.487	8.832	18.278	12.774	8.172	1.220	0.778	1.174	0.725	5.518	39.038	17.887	TOTAL
MEAN	1.05	0.244	0.822	0.428	0.288	0.041	0.026	0.038	0.024	0.178	1.30	0.578	MEAN
MAX	5.33	1.41	1.67	2.22	2.81	0.120	0.038	0.166	0.030	1.05	7.49	3.59	MAX
MIN	0.228	0.051	0.080	0.060	0.029	0.023	0.017	0.017	0.020	0.028	0.132	0.126	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.403
MAXIMUM DAILY, 7.49 ON NOV 10
MINIMUM DAILY, 0.017 ON JUL 28
MAXIMUM INSTANTANEOUS,
10.5 AT 01:12 PST ON NOV 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 37 N
LONG 123 31 46 W
DRAINAGE AREA, 11.4 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 810	JUL	87.3
FEB	880	AUG	101
MAR	1 970	SEP	82.6
APR	1 100	OCT	477
MAY	782	NOV	3 370
JUN	108	DEC	1 880

TOTAL DISCHARGE, 13 700 dam³

WEST KETTLE RIVER AT WESTBRIDGE - STATION NO. 08NN003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	2.70	51.1	42.7	8.48	1.75	2.48	---	---	---	1
2	---	---	---	2.86	80.1	47.1	8.42	1.85	3.28	---	---	---	2
3	---	---	---	2.50	65.7	45.2	8.35	1.63E	3.37	---	---	---	3
4	---	---	---	2.82	55.3	42.5	8.13	1.60E	3.48	---	---	---	4
5	---	---	---	2.88	66.1	37.6	8.04	1.58E	3.58	---	---	---	5
6	---	---	---	2.84	62.4	35.8	8.07	1.58	3.71	---	---	---	6
7	---	---	---	3.08	74.1	31.0	6.55	1.55	3.28	---	---	---	7
8	---	---	---	3.36	67.2	28.4	5.17	1.50	3.12	---	---	---	8
9	---	---	---	5.71	68.3	25.4	4.70	1.44	2.96	---	---	---	9
10	---	---	---	6.81	74.1	22.4	4.50	1.39	2.84	---	---	---	10
11	---	---	---	7.89	62.4	20.3	5.17	1.42	2.38	---	---	---	11
12	---	---	---	11.1	48.2	17.8	4.70	1.38	2.23	---	---	---	12
13	---	---	---	15.0	46.4	15.6	4.28	1.36	2.03	---	---	---	13
14	---	---	---	28.1	43.0	22.3	4.16	1.33	1.97	---	---	---	14
15	---	---	---	33.8	37.4	40.6	5.50E	2.00	1.92	---	---	---	15
16	---	---	---	37.5	33.6	25.7	7.01	3.33	1.78	---	---	---	16
17	---	---	---	38.1	33.8	23.7	6.13	3.54	1.76	---	---	---	17
18	---	---	---	38.8	34.2	21.1	5.17	3.71	1.75	---	---	---	18
19	---	---	---	54.1	30.0	19.2	4.45	3.33	1.75	---	---	---	19
20	---	---	---	62.0	26.4	19.3	4.31	3.04	1.71	---	---	---	20
21	---	---	---	55.9	26.4	17.6	3.33	2.84	1.71	---	---	---	21
22	---	---	---	47.6	27.1	16.3	3.12	2.80	1.68	---	---	---	22
23	---	---	---	41.6	28.1	11.8	2.84	2.38	1.68	---	---	---	23
24	---	---	---	38.1	32.0	9.58	2.72	2.30	1.68	---	---	---	24
25	---	---	---	39.7	30.8	9.24	2.53	2.20	1.65	---	---	---	25
26	---	---	---	41.2	29.8	8.88	2.16	2.13	1.65	---	---	---	26
27	---	---	---	38.8	37.4	8.42	2.16	2.86	1.65	---	---	---	27
28	---	---	---	36.7	41.4	7.80	2.13	3.71	1.65	---	---	---	28
29	---	---	---	41.2	34.1	7.35	2.16	3.16	1.65	---	---	---	29
30	---	---	---	45.9	34.3	7.70	2.13	2.80	1.82	---	---	---	30
31	---		---		36.8		1.84	2.84		---		---	31
TOTAL	---	---	---	785.81	1 392.8	688.76	144.33	89.83	67.83	---	---	---	TOTAL
MEAN	---	---	---	26.5	44.9	23.0	4.66	2.25	2.26	---	---	---	MEAN
MAX	---	---	---	62.0	80.1	47.1	8.48	3.71	3.71	---	---	---	MAX
MIN	---	---	---	2.50	26.4	7.35	1.84	1.33	1.82	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 80.1 ON MAY 2

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 10 12 N
LONG 118 58 28 W
DRAINAGE AREA, 1 870 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	12 800
FEB	---	AUG	8 030
MAR	---	SEP	5 880
APR	68 200	OCT	---
MAY	120 000	NOV	---
JUN	59 500	DEC	---

WEST KETTLE RIVER BELOW CARMI CREEK - STATION NO. 08NN022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.12 B	0.580B	0.780B	1.378	42.9	38.1	8.33	1.12	1.85	0.784	1.33	1.868	1
2	1.12 B	0.440B	0.720B	1.388	46.9	40.0	11.5	1.08	2.32	0.734	1.82	1.748	2
3	1.13 B	0.448B	0.680B	1.458	45.3	36.5	9.35	1.51	4.86	0.724	2.87	1.818	3
4	1.16 B	0.480B	0.675B	1.658	42.9	33.4	7.73	1.88	3.86	0.732	5.18	2.188	4
5	1.13 B	0.480B	0.710B	1.988	46.3	32.9	8.53	1.86	3.32	0.713	4.86	2.328	5
6	1.08 B	0.488B	0.760B	2.508	50.7	31.0	8.73	1.20	3.13	0.710	3.81	2.328	6
7	0.980B	0.510B	0.800B	3.30	54.5	28.4	8.21	1.04	2.98	0.707	3.02	2.128	7
8	0.970B	0.520B	0.820B	4.04	50.7	23.8	6.54	0.935	2.34	0.711	2.88	2.148	8
9	0.920B	0.530B	0.840B	4.48	49.2	21.5	4.20	0.913	2.08	0.701	2.74	2.088	9
10	0.888B	0.548B	0.920B	5.14	54.3	17.9	4.51	0.974	1.88	0.678	5.41	1.819	10
11	1.02 B	0.588B	0.970B	6.30	51.8	15.8	4.63	0.861	1.71	0.688	8.78	1.849	11
12	1.04 B	0.580B	1.06 B	8.04	36.4	14.5	3.84	0.661	1.59	0.719	8.90	1.818	12
13	1.04 B	0.608B	1.15 B	12.3	28.4	14.0	3.39	0.863	1.51	0.805	3.708	1.868	13
14	1.03 B	0.610B	1.20 B	16.8	24.7	18.3	3.31	0.830	1.41	0.843	2.708	1.788	14
15	1.03 B	0.625B	1.17 B	23.8	22.7	34.5	4.79	1.83	1.26	1.02	2.319	1.948	15
16	1.04 B	0.630B	1.13 B	28.5	22.5	20.2	8.41	3.01	1.20	0.882	2.888	2.028	16
17	1.06 B	0.648B	1.11 B	29.5	22.7	14.9	5.19	3.24	1.10	0.807	2.508	2.018	17
18	1.06 B	0.688B	1.12 B	30.2	25.8	12.7	4.30	3.03	1.07	0.826	2.888	2.008	18
19	1.02 B	0.690B	1.13 B	35.3	22.5	12.0	3.83	2.38	1.04	0.858	2.808	1.988	19
20	1.00 B	0.710B	1.18 B	38.7	20.8	11.8	3.02	2.17	1.01	0.849	2.988	2.008	20
21	0.980B	0.730B	1.19 B	43.0	21.0	10.3	2.86	2.01	0.988	0.822	2.008	2.018	21
22	1.00 B	0.760B	1.18 B	38.1	20.2	10.7	3.33	2.00	0.967	0.946	1.708	2.048	22
23	0.980B	0.770B	1.20 B	30.4	22.7	9.85	3.14	2.08	0.946	1.23	1.748	2.038	23
24	0.880B	0.775B	1.23 B	28.5	24.0	8.70	1.83	1.70	0.908	2.24	1.988	1.978	24
25	0.870B	0.785B	1.28 B	28.1	23.5	8.89	1.74	1.84	0.878	2.51	1.928	1.908	25
26	0.900B	0.748B	1.34 B	27.0	24.0	9.12	1.81	1.77	0.858	1.91	1.988	1.818	26
27	0.920B	0.780B	1.36 B	25.4	27.1	7.44	1.82	3.33	0.833	1.68	2.208	1.748	27
28	0.938B	0.780B	1.39 B	26.3	29.9	6.58	1.72	2.74	0.809	1.55	2.318	1.688	28
29	0.940B		1.38 B	31.3	26.0	6.26	1.70	2.34	0.791	1.05	2.128	1.628	29
30	0.920B		1.38 B	36.9	26.8	6.45	1.63	2.11	0.773	1.37	1.948	1.608	30
31	0.820B		1.37 B		32.0		1.26	1.82		1.20		1.588	31
TOTAL	31.011	17.385	33.300	572.83	1 049.0	551.82	130.28	84.817	48.781	32.282	91.80	58.63	TOTAL
MEAN	1.00	0.620	1.07	18.1	33.8	18.4	4.20	1.76	1.66	1.04	3.06	1.90	MEAN
MAX	1.14	0.775	1.39	43.0	54.3	40.0	11.5	3.33	4.86	2.91	8.78	3.32	MAX
MIN	0.820	0.440	0.675	1.37	20.2	6.26	1.26	0.861	0.773	0.678	1.33	1.58	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.33
MAXIMUM DAILY, 54.3 ON MAY 10
MINIMUM DAILY, 0.440B ON FEB 2
MAXIMUM INSTANTANEOUS,
75.1 AT 13:48 PST ON MAY 10

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 03 N
LONG 118 06 30 W
DRAINAGE AREA, 1 170 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 880	JUL	11 300
FEB	1 500	AUG	4 720
MAR	2 880	SEP	4 300
APR	48 600	OCT	2 790
MAY	80 800	NOV	7 810
JUN	47 700	DEC	5 080

TOTAL DISCHARGE, 231 000 dam³

WEST KETTLE RIVER NEAR MCCULLOCH - STATION NO. 08NN015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4408	0.2008	0.2508	0.284	8.40	22.2	4.94	0.487	1.33	0.388	0.883	1.01 B	1
2	0.4458	0.1728	0.2198	0.278	10.9	24.1	5.25	0.535	1.73	0.382	0.873	1.11 B	2
3	0.4708	0.1788	0.2178	0.273	12.7	22.4	4.30	1.09	2.82	0.387	0.908	1.26 B	3
4	0.483	0.1888	0.2198	0.265	12.5	20.9	3.59	0.871	1.82	0.353	2.23	1.44 B	4
5	0.458	0.1878	0.2228	0.280	12.4	21.9	3.06	0.875	2.04	0.348	2.01	1.82 B	5
6	0.447	0.2068	0.2288	0.312	14.8	21.0	2.86	0.887	1.73	0.342	1.84	1.38 B	6
7	0.418	0.2148	0.2328	0.433	18.4	18.1	2.40	0.488	1.42	0.337	1.28	1.38 B	7
8	0.388	0.2228	0.2378	0.518	20.9	15.2	2.17	0.484	1.25	0.318	1.21	1.32 B	8
9	0.407	0.2288	0.2448	0.536	20.5	14.2	1.89	0.485	1.14	0.304	1.66	1.24 B	9
10	0.437	0.2338	0.2508	0.809	28.8	11.5	2.09	0.482	1.01	0.311	3.80	1.09 B	10
11	0.431	0.2418	0.2528	0.746	21.8	10.2	2.43	0.437	0.918	0.384	5.04	1.02 B	11
12	0.409	0.2468	0.2588	0.890	14.2	9.01	1.89	0.408	0.848	0.406	3.45	1.10 B	12
13	0.399	0.2568	0.2678	1.30	10.7	8.74	1.66	0.447	0.805	0.531	2.30 B	1.18 B	13
14	0.384	0.2628	0.3008	1.87	9.12	13.8	1.69	0.417	0.734	0.588	1.80 B	1.21 B	14
15	0.378	0.2678	0.308	2.78	8.58	23.5	2.30	1.24	0.698	0.482	1.24 B	1.29 B	15
16	0.385	0.2728	0.286	4.01	8.00	12.9	2.37	1.40	0.850	0.384	1.34 B	1.31 B	16
17	0.388	0.2748	0.286	4.25	9.23	8.48	2.05	1.86	0.840	0.419	1.31 B	1.28 B	17
18	0.383	0.2718	0.278	4.49	8.30	6.86	1.89	1.25	0.828	0.445	1.40 B	1.21 B	18
19	0.376	0.2818	0.288	5.37	7.83	8.74	1.42	0.972	0.810	0.433	1.47 B	1.22 B	19
20	0.370	0.2888	0.288	5.18	7.41	8.23	1.28	1.01	0.587	0.431	1.80 B	1.23 B	20
21	0.363	0.2968	0.278	7.35	8.34	8.36	1.11	0.895	0.584	0.488	1.30 B	1.27 B	21
22	0.3268	0.3018	0.274	5.18	8.23	6.03	1.01	1.20	0.536	0.871	1.18 B	1.28 B	22
23	0.3008	0.2998	0.278	5.47	9.78	5.14	0.823	0.874	0.508	0.739	1.28 B	1.31 B	23
24	0.2948	0.2808	0.267	5.18	9.21	4.59	0.822	0.788	0.481	1.80	1.80 B	1.12 B	24
25	0.2988	0.2838	0.278	5.15	8.81	4.85	0.772	0.892	0.481	1.11	1.47 B	1.03 B	25
26	0.3038	0.2848	0.286	4.78	9.48	4.18	0.724	1.40	0.444	0.875	1.53 B	0.9803	26
27	0.3108	0.2798	0.294	4.58	11.3	3.48	0.686	2.03	0.428	0.823	1.81 B	0.8858	27
28	0.3128	0.2888	0.296	4.87	11.6	3.18	0.720	1.47	0.408	0.881	1.53 B	0.8308	28
29	0.3108		0.288	5.48	10.8	3.09	0.627	1.34	0.392	0.824	1.47 B	0.8008	29
30	0.3008		0.286	5.37	12.6	3.18	0.580	1.10	0.380	0.849	1.30 B	0.7508	30
31	0.2788		0.278		17.2		0.518	1.04		0.587		0.7108	31
TOTAL	11.680	8.984	8.231	92.014	384.41	341.89	90.799	28.251	28.107	18.587	51.084	35.825	TOTAL
MEAN	0.376	0.280	0.266	3.07	12.4	11.4	1.96	0.911	0.937	0.535	1.70	1.15	MEAN
MAX	0.483	0.301	0.308	7.35	28.8	24.1	5.25	2.03	2.82	1.80	5.04	1.82	MAX
MIN	0.278	0.172	0.215	0.265	7.41	3.09	0.518	0.408	0.380	0.304	0.883	0.710	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.82
MAXIMUM DAILY, 28.8 ON MAY 10
MINIMUM DAILY, 0.1728 ON FEB 2
MAXIMUM INSTANTANEOUS,
43.7 AT 01:36 PST ON JUN 15

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 42 15 N
LONG 119 05 31 W
DRAINAGE AREA, 230 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 010	JUL	5 250
FEB	804	AUG	2 460
MAR	711	SEP	2 430
APR	7 950	OCT	1 630
MAY	33 200	NOV	4 410
JUN	29 500	DEC	3 080

TOTAL DISCHARGE, 93 000 dam³

WEST ROAD RIVER NEAR CINEMA - STATION NO. 08KG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.288	8.528	8.358	9.008	52.7	38.0	18.9	23.5	28.0	11.9	10.8	10.7 B	1
2	8.308	8.258	8.388	9.008	54.8	38.8	19.4	23.3	27.4	11.7	10.8	10.8 B	2
3	8.388	8.028	8.358	9.008	56.0	38.5	19.5	23.5	27.4	11.7	11.5	10.9 B	3
4	8.358	7.883	8.308	9.058	57.8	34.7	20.1	23.8	26.9	11.5	12.2	10.4 B	4
5	8.308	7.788	8.288	9.308	57.8	34.2	20.1	25.8	26.1	11.3	13.4	10.7 B	5
6	8.308	7.728	8.228	10.2 B	58.5	34.1	20.8	25.7	26.1	11.2	13.0	10.8 B	6
7	8.388	7.678	8.248	11.3 B	58.8	33.8	21.8	24.2	24.3	11.2	13.2	10.4 B	7
8	8.408	7.648	8.348	12.4 B	60.0	33.8	22.9	22.8	23.0	11.1	12.8	10.2 B	8
9	8.448	7.648	8.388	13.7 B	59.5	33.4	23.0	21.2	21.7	11.1	13.2	10.0 B	9
10	8.508	7.628	8.408	14.8 B	58.0	33.0	23.2	19.7	20.7	11.0	13.8	9.908	10
11	8.558	7.618	8.418	15.5 B	56.8	32.5	23.8	18.8	19.8	10.8	13.8	9.858	11
12	8.588	7.628	8.428	16.3 B	54.5	31.6	24.3	17.9	19.0	10.9	10.7 B	9.893	12
13	8.558	7.658	8.458	17.1 B	52.6	30.3	25.7	17.3	18.1	10.7	9.308	10.0 B	13
14	8.558	7.708	8.508	18.2 B	51.8	29.1	26.1	17.1	17.3	10.8	9.808	10.1 B	14
15	8.578	7.758	8.548	20.0 B	48.4	28.3	28.1	16.7	16.8	10.5	10.4 B	10.1 B	15
16	8.608	7.808	8.608	23.3 B	46.4	27.4	28.4	15.3	16.0	10.3	10.8 B	10.2 B	16
17	8.605	7.858	8.628	26.0 B	44.3	28.4	30.2	16.2	15.9	10.3	10.7 B	10.2 B	17
18	8.605	7.868	8.638	28.1 B	42.8	28.2	30.2	17.8	16.1	10.4	11.2 B	10.1 B	18
19	8.588	8.028	8.638	32.0 B	42.4	26.8	29.8	19.4	14.9	10.8	11.8 B	10.0 B	19
20	8.508	8.048	8.648	34.1	43.0	25.1	29.3	19.1	14.8	10.8	11.7 B	9.898	20
21	8.578	8.048	8.658	36.4	42.4	24.3	28.7	19.0	14.3	10.7	11.8 B	9.708	21
22	8.588	8.048	8.658	37.4	42.1	23.8	27.8	21.8	14.0	11.0	11.3 B	9.758	22
23	8.528	8.058	8.708	40.1	41.0	22.8	27.3	24.0	13.8	11.2	11.1 B	10.7 B	23
24	8.408	8.058	8.758	40.8	40.0	22.0	26.8	26.4	13.1	11.0	10.8 B	13.2 B	24
25	8.308	8.108	8.808	40.8	39.2	21.1	26.0	33.0	12.7	11.2	10.6 B	14.5 B	25
26	8.118	8.308	8.108	42.5	39.2	20.8	25.8	33.8	12.4	11.2	10.7 B	14.0 B	26
27	8.048	8.228	8.158	44.6	38.3	19.7	25.7	32.8	12.2	11.3	10.6 B	13.6 B	27
28	8.128	8.228	8.058	46.8	38.8	19.3	25.8	31.2	12.0	11.4	10.4 B	13.4 B	28
29	8.848		8.108	48.4	38.7	18.8	25.7	29.7	11.8	10.7	10.4 B	13.3 B	29
30	8.988		8.078	50.7	40.4	18.1	25.1	28.6	12.2	10.7	10.7 B	13.2 B	30
31	8.708		8.008		38.5		24.2	28.3		10.7		13.0 B	31
TOTAL	253.08	221.62	258.78	788.78	1 498.4	840.8	778.7	717.7	648.8	340.8	341.80	343.08	TOTAL
MEAN	8.48	7.92	8.61	25.8	48.3	28.0	25.2	23.2	18.2	11.0	11.4	11.1	MEAN
MAX	8.98	8.62	9.15	50.7	60.0	38.8	30.2	33.8	28.0	11.8	13.8	14.5	MAX
MIN	8.04	7.61	8.23	9.00	38.5	18.8	19.4	18.2	11.8	10.2	9.30	9.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.0
MAXIMUM DAILY, 60.0 ON MAY 6
MINIMUM DAILY, 7.610 ON FEB 11
MAXIMUM INSTANTANEOUS,
60.1 AT 17:30 PST ON MAY 6

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 18 40 N
LONG 122 53 15 W
DRAINAGE AREA, 12 400 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	33 900	JUL	67 400
FEB	19 100	AUG	62 000
MAR	23 100	SEP	47 200
APR	95 200	OCT	29 400
MAY	128 000	NOV	28 500
JUN	72 700	DEC	29 600

TOTAL DISCHARGE, 588 000 dam³

WHIPSAW CREEK BELOW LAMONT CREEK - STATION NO. 08NL036

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1708	0.1808	0.1138	0.228	4.30	4.85	0.952	0.288	0.281	0.148	0.133	0.378	1
2	0.1718	0.0848	0.1258	0.224	4.79	5.24	0.825	0.487	0.480	0.145	0.188	0.383	2
3	0.1788	0.0938	0.1388	0.222	4.82	4.71	0.908	0.380	0.387	0.150	0.219	0.884	3
4	0.1788	0.0988	0.1508	0.226	5.18	4.47	0.626	0.312	0.316	0.150	0.478	1.82	4
5	0.1748	0.1008	0.169	0.348	5.58	4.43	0.785	0.286	0.280	0.143	0.353	1.51	5
6	0.1888	0.1028	0.180	0.525	6.55	4.08	0.738	0.281	0.287	0.151	0.312	1.04	6
7	0.1808	0.1048	0.178	0.783	7.00	3.83	0.895	0.262	0.243	0.150	0.314	0.923	7
8	0.1628	0.1108	0.167	0.774	6.83	3.32	0.883	0.268	0.238	0.144	0.303	0.885	8
9	0.1528	0.1138	0.188	0.853	6.85	2.88	0.847	0.444	0.220	0.142	0.907	0.784	9
10	0.1558	0.1188	0.177	0.629	7.20	2.82	0.748	0.303	0.213	0.185	2.73	0.824	10
11	0.1808	0.1218	0.180	0.730	6.54	2.37	0.784	0.281	0.208	0.242	1.43	0.5808	11
12	0.1828	0.1278	0.188	0.810	4.83	2.22	0.671	0.245	0.201	0.298	0.948	0.5808	12
13	0.1708	0.1328	0.208	1.08	4.15	2.11	0.803	0.255	0.183	0.287	0.788	0.6858	13
14	0.1788	0.1388	0.180	1.37	3.86	2.00	0.795	0.251	0.188	0.259	0.824	0.6308	14
15	0.1828	0.1448	0.187	1.88	4.04	1.81	0.819	0.314	0.179	0.228	0.830	0.6908	15
16	0.218	0.1508	0.202	1.90	4.25	1.82	0.844	0.594	0.170	0.200	0.881	0.8508	16
17	0.183	0.1528	0.203	1.82	4.07	1.48	0.629	0.529	0.175	0.184	0.828	0.8208	17
18	0.178	0.1558	0.200	1.78	3.58	1.36	0.586	0.408	0.180	0.208	0.818	0.8208	18
19	0.184	0.1578	0.186	2.30	3.19	1.34	0.528	0.486	0.180	0.231	0.578	0.8388	19
20	0.182	0.1668	0.181	2.87	2.98	1.28	0.484	0.809	0.178	0.212	0.718	0.8488	20
21	0.183	0.1808	0.208	2.78	2.80	1.18	0.483	0.452	0.188	0.200	0.828	0.834	21
22	0.185	0.1808	0.210	2.17	2.86	1.16	0.448	0.393	0.184	0.196	0.827	0.820	22
23	0.1858	0.1808	0.200	2.01	3.17	1.12	0.424	0.386	0.187	0.208	0.570	0.814	23
24	0.1828	0.1888	0.204	1.88	2.75	1.06	0.384	0.333	0.188	0.284	0.512	0.802	24
25	0.1808	0.1828	0.207	2.04	2.61	1.04	0.371	0.320	0.180	0.239	0.446	0.472	25
26	0.1498	0.1468	0.215	1.85	2.83	0.893	0.343	0.287	0.180	0.220	0.448	0.478	26
27	0.1628	0.1388	0.227	1.87	3.32	0.853	0.338	0.308	0.228	0.229	0.487	0.480	27
28	0.1618	0.1308	0.218	2.40	4.29	0.845	0.322	0.301	0.181	0.214	0.481	0.485	28
29	0.1788		0.222	2.87	3.81	0.880	0.307	0.288	0.182	0.187	0.382	0.443	29
30	0.2008		0.228	3.80	4.09	0.972	0.288	0.270	0.182	0.188	0.367	0.432	30
31	0.2808		0.230		4.89		0.268	0.251		0.188		0.408	31
TOTAL	5.273	3.711	5.900	44.718	138.89	88.423	18.383	10.790	8.471	8.217	18.218	20.382	TOTAL
MEAN	0.170	0.133	0.180	1.49	4.42	2.28	0.592	0.348	0.218	0.201	0.807	0.858	MEAN
MAX	0.280	0.180	0.230	3.80	7.20	5.24	0.952	0.808	0.480	0.287	2.73	1.82	MAX
MIN	0.148	0.084	0.113	0.222	2.61	0.845	0.268	0.245	0.180	0.142	0.133	0.383	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.846
MAXIMUM DAILY, 7.20 ON MAY 10
MINIMUM DAILY, 0.0848 ON FEB 2
MAXIMUM INSTANTANEOUS,
8.08 AT 03:23 PST ON MAY 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 22 09 N
LONG 120 34 11 W
DRAINAGE AREA, 185 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	456	JUL	1 580
FEB	321	AUG	932
MAR	510	SEP	588
APR	3 880	OCT	537
MAY	11 800	NOV	1 670
JUN	5 810	DEC	1 760

TOTAL DISCHARGE, 29 800 dam³

WHITEMAN CREEK ABOVE BOULEAU CREEK - STATION NO. 08NM174

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.077	0.0458	0.0748	0.178	3.10	2.80	0.780	0.181	0.183	0.074	0.088	0.148	1
2	0.078	0.0428	0.0718	0.188	3.47	2.58	0.608	0.178	0.444	0.078	0.083	0.178	2
3	0.079	0.0448	0.0708	0.188	3.72	2.32	0.683	0.188	0.488	0.074	0.107	0.173	3
4	0.080	0.0498	0.0728	0.181	3.82	2.11	0.883	0.167	0.335	0.074	0.342	0.188	4
5	0.077	0.0518	0.0798	0.187	4.26	1.89	0.808	0.143	0.288	0.074	0.418	0.187	5
6	0.075	0.0538	0.0848	0.207	4.71	1.72	0.683	0.137	0.287	0.074	0.328	0.187	6
7	0.0808	0.0588	0.0818	0.231	4.83E	1.58	0.418	0.134	0.234	0.072	0.285	0.181	7
8	0.0838	0.0578	0.0808	0.260	4.88A	1.48	0.378	0.132	0.208	0.072	0.288	0.171	8
9	0.087	0.0588	0.0838	0.248	4.81	1.38	0.381	0.124	0.188	0.070	0.257	0.188	9
10	0.071	0.0828	0.088A	0.268	4.88	1.26	0.344	0.112	0.172	0.071	0.382	0.188	10
11	0.075	0.0808	0.093	0.298	4.31	1.13	0.389	0.108	0.180	0.081	0.487	0.1278	11
12	0.074	0.0808	0.113	0.387	3.57	1.05	0.352	0.100	0.148	0.084	0.418	0.1388	12
13	0.072	0.0828	0.1118	0.815	3.09	0.981	0.329	0.097	0.140	0.085	0.338	0.1348	13
14	0.075	0.0848	0.1088	0.724	2.84	0.895	0.329	0.088	0.131	0.087	0.310	0.1428	14
15	0.077	0.0888	0.1028	1.14	2.63	1.06	0.788	0.128	0.119	0.088	0.288	0.147	15
16	0.083	0.0898	0.1088	1.22	2.53	0.823	0.837	0.182	0.111	0.085	0.272	0.144	16
17	0.080	0.0738	0.1148	1.15	2.48	0.831	0.848	0.228	0.111	0.081	0.248	0.141	17
18	0.078	0.0788	0.120	1.18	2.48	0.780	0.842	0.243	0.113	0.080	0.238	0.1428	18
19	0.075	0.0808	0.118	1.48	2.22	0.738	0.478	0.308	0.110	0.088	0.235	0.1288	19
20	0.074	0.0778	0.118	1.70	2.10	0.704	0.417	0.288	0.107	0.088	0.258	0.1328	20
21	0.075	0.0788	0.137	1.84	1.94	0.885	0.388	0.231	0.104	0.087	0.274	0.1388	21
22	0.071	0.0828	0.188	1.71	1.88	0.830	0.336	0.213	0.102	0.089	0.208	0.1328	22
23	0.0808	0.0858	0.188	1.58	1.84	0.882	0.312	0.192	0.098	0.085	0.2008	0.1338	23
24	0.0828	0.0808	0.188	1.54	2.06	0.848	0.286	0.184	0.085	0.137	0.2108	0.1348	24
25	0.0858	0.0848	0.188	1.88	2.28	0.832	0.288	0.183	0.081	0.208	0.218	0.130	25
26	0.088	0.0778	0.187	1.87	2.25	0.822	0.247	0.183	0.080	0.173	0.208	0.127	26
27	0.087	0.0748	0.208	1.88	3.07	0.473	0.238	0.139	0.088	0.185	0.188	0.128	27
28	0.083	0.0788	0.218	1.80	3.87	0.484	0.221	0.128	0.084	0.185	0.181	0.128	28
29	0.086		0.210	2.18	3.13	0.445	0.202	0.120	0.083	0.128	0.182	0.127	29
30	0.0838		0.187	2.81	2.92	0.488	0.186	0.125	0.078	0.118	0.173	0.128	30
31	0.0888		0.188		2.88		0.171	0.177		0.105		0.123	31
TOTAL	2.184	1.852	3.888	29.897	98.88	33.850	13.228	4.971	4.078	3.123	7.888	4.483	TOTAL
MEAN	0.070	0.088	0.125	0.887	3.19	1.12	0.427	0.180	0.188	0.101	0.258	0.144	MEAN
MAX	0.083	0.080	0.218	2.81	4.88	2.80	0.837	0.308	0.488	0.208	0.487	0.178	MAX
MIN	0.048	0.042	0.070	0.151	1.88	0.445	0.171	0.087	0.078	0.070	0.083	0.123	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.872
MAXIMUM DAILY, 4.88 ON MAY 10
MINIMUM DAILY, 0.0428 ON FEB 2
MAXIMUM INSTANTANEOUS,
5.30 AT 13:32 PST ON MAY 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 12 44 N
LONG 119 32 38 W
DRAINAGE AREA, 112 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	188	JUL	1 140
FEB	180	AUG	428
MAR	334	SEP	430
APR	2 580	OCT	270
MAY	8 550	NOV	883
JUN	2 900	DEC	388

TOTAL DISCHARGE, 18 000 dam³

WILLIAMS LAKE NEAR WILLIAMS LAKE - STATION NO. 08MC023

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.317	0.362	0.368	0.588	0.645	0.605	0.524	0.425	0.432	0.388	0.327	0.509	1
2	0.320	0.359	0.373	0.584	0.651	0.599	0.518	0.433	0.439	0.386	0.328	0.517	2
3	0.327	0.358	0.372	0.572	0.656	0.602	0.511	0.437	0.444	0.383	0.346	0.527	3
4	0.328	0.358	0.376	0.575	0.650	0.594	0.511	0.450	0.448	0.348	0.357	0.538	4
5	0.328	0.385	0.379	0.587	0.648	0.592	0.503	0.452	0.441	0.348	0.388	0.541	5
6	0.328	0.387	0.378	0.584	0.645	0.585	0.513	0.458	0.443	0.345	0.388	0.548	6
7	0.320	0.385	0.380	0.608	0.642	0.581	0.514	0.453	0.440	0.350	0.380	0.557	7
8	0.320	0.368	0.378	0.610	0.638	0.578	0.506	0.458	0.431	0.343	0.382	0.563	8
9	0.332	0.364	0.378	0.617	0.637	0.578	0.501	0.442	0.423	0.341	0.393	0.571	9
10	0.332	0.368	0.384	0.623	0.628	0.588	0.500	0.434	0.420	0.339	0.400	0.589	10
11	0.332	0.369	0.383	0.628	0.618	0.581	0.483	0.434	0.414	0.342	0.388	0.578	11
12	0.346	0.368	0.405	0.625	0.618	0.583	0.500	0.433	0.404	0.340	0.408	0.584	12
13	0.343	0.368	0.408	0.638	0.630	0.568	0.488	0.429	0.411	0.337	0.411	0.583	13
14	0.341	0.368	0.416	0.634	0.623	0.555	0.496	0.425	0.402	0.338	0.410	0.588	14
15	0.334	0.385	0.423	0.640	0.620	0.557	0.484	0.428	0.400	0.341	0.408	0.601	15
16	0.347	0.388	0.421	0.643	0.631	0.568	0.481	0.427	0.400	0.338	0.415	0.602	16
17	0.348	0.381	0.422	0.640	0.628	0.548	0.484	0.428	0.380	0.330	0.422	0.608	17
18	0.348	0.381	0.417	0.644	0.625	0.543	0.474	0.443	0.387	0.330	0.434	0.610	18
19	0.349	0.384	0.428	0.639	0.631	0.545	0.470	0.440	0.388	0.328	0.439	0.625	19
20	0.386	0.385	0.428	0.638	0.628	0.538	0.471	0.428	0.380	0.328	0.441	0.632	20
21	0.388	0.387	0.436	0.634	0.630	0.523	0.486	0.437	0.384	0.323	0.454	0.635	21
22	0.382	0.388	0.441	0.633	0.621	0.524	0.483	0.452	0.385	0.318	0.460	0.647	22
23	0.383	0.374	0.464	0.634	0.627	0.523	0.482	0.451	0.379	0.318	0.468	0.658	23
24	0.384	0.371	0.470	0.631	0.629	0.518	0.488	0.457	0.382	0.318	0.473	0.661	24
25	0.387	0.372	0.480	0.632	0.618	0.518	0.480	0.447	0.377	0.321	0.478	0.671	25
26	0.382	0.387	0.504	0.637	0.614	0.517	0.485	0.468	0.388	0.320	0.474	0.670	26
27	0.388	0.374	0.517	0.638	0.614	0.518	0.485	0.480	0.384	0.318	0.469	0.680	27
28	0.387	0.373	0.533	0.634	0.613	0.517	0.438	0.460	0.387	0.320	0.502	0.680	28
29	0.382		0.553	0.642	0.614	0.520	0.437	0.448	0.384	0.318	0.504	0.688	29
30	0.388		0.583	0.642	0.613	0.524	0.429	0.448	0.388	0.323	0.504	0.704	30
31	0.381		0.589		0.608		0.428	0.437		0.328		0.715	31
MEAN	0.343	0.388	0.433	0.621	0.628	0.553	0.480	0.442	0.402	0.334	0.421	0.609	MEAN
MAX	0.388	0.374	0.589	0.644	0.658	0.605	0.524	0.483	0.448	0.388	0.504	0.715	MAX
MIN	0.317	0.359	0.368	0.584	0.608	0.518	0.428	0.428	0.368	0.318	0.327	0.509	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 0.470
MAXIMUM DAILY, 0.715 ON DEC 31
MINIMUM DAILY, 0.316 ON OCT 22
MAXIMUM INSTANTANEOUS,
0.720 AT 23:59 PST ON DEC 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 07 16 N
LONG 122 08 55 W

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 886.882 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

WILLIAMS LAKE RIVER AT OUTLET OF WILLIAMS LAKE - STATION NO. 08MC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.001	0.001A	0.001E	0.002	0.003	0.001	0.005	0.005	0.010E	0.001E	0.001	0.002	1
2	0.001	0 B	0.001E	0.002	0.002	0.001	0.003	0.288	0.005E	0.001A	0.017	0.002	2
3	0.001	0 B	0.001E	0.002	0.001	0.001	0.002	0.003	0.002E	0.001	0.084	0.004	3
4	0.001	0 B	0.002E	0.002	0.002	0.001	0.002	0.001	0.002E	0.001	0.010	0.004	4
5	0.001	0 E	0.002E	0.006	0.002	0.001	0.017	0.002	0.003E	0.001	0.002	0.002	5
6	0.001	0 B	0.002E	0.014	0.002	0.001	0.007	0.001	0.002E	0.001	0.008	0.001	6
7	0.001	0 B	0.002E	0.003	0.002	0.001	0.003	0.001	0.001E	0.001	0.002	0.001	7
8	0.001	0 B	0.003E	0.003	0.002	0.001	0.002	0.001	0.001E	0.001	0.007	0.0018	8
9	0.001	0 B	0.003E	0.002	0.002	0.003	0.003	0.003	0.001E	0.001	0.008	0.001	9
10	0.001	0 B	0.003E	0.002	0.008	0.001	0.003	0.001	0.001E	0.014	0.002	0.001	10
11	0.001	0 B	0.003E	0.002	0.004	0.001	0.010	0.001	0.001E	0.002	0.001	0	11
12	0.001	0 B	0.002E	0.002	0.003	0.001	0.004	0.001	0.001E	0.001	0.001	0.001	13
13	0.002	0.0018	0.002E	0.003	0.002	0.002	0.018	0.034	0.001E	0.002	0.002	0.003	13
14	0.001	0.0018	0.002E	0.003	0.008	0.002	0.008	0.002	0.001E	0.001	0.002	0.003	14
15	0.001	0.0018	0.002E	0.002	0.010	0.020	0.007	0.044	0.001E	0.001	0.002	0.002	15
16	0.001	0.0018	0.002E	0.002	0.007	0.003	0.003	0.016	0.001E	0.001	0.002	0.002	16
17	0.001	0.0018	0.002E	0.002	0.003	0.003	0.003	0.002	0.001E	0.003	0.005	0.002	17
18	0.001	0.0018	0.002E	0.002	0.011	0.002	0.002	0.002	0.001E	0.002	0.008	0.001	18
19	0.002	0.0018	0.005E	0.003	0.005	0.002	0.003	0.002	0.002E	0.001	0.032	0.001	19
20	0.002	0.0018	0.007E	0.003	0.002	0.004	0.003	0.002	0.001E	0.001	0.005	0.0018	20
21	0.002	0.002E	0.010A	0.002	0.001	0.007	0.011	0.033	0.001E	0.001	0.003	0.0018	21
22	0.002	0.002E	0.007	0.002	0.001	0.004	0.003	0.038	0.001E	0.001	0.003	0.002	22
23	0.002	0.002E	0.008	0.002	0.001	0.004	0.002	0.002	0.001E	0.001	0.008	0.003	23
24	0.002	0.002E	0.008	0.001	0.001	0.003	0.003	0.002	0.001E	0.028	0.004	0.003	24
25	0.002	0.002E	0.008	0.001	0.004	0.003	0.002	0.002	0.001E	0.002	0.002	0.010	25
26	0.003	0.002E	0.008	0.002	0.002	0.002	0.005	0.002	0.001E	0.008	0.002	0.013	26
27	0.003	0.001E	0.004	0.002	0.001	0.038	0.004	0.002	0.001E	0.002	0.001	0.021	27
28	0.005	0.001E	0.003	0.002	0.001	0.008	0.003	0.002	0.001E	0.001	0.002	0.010	28
29	0.017		0.003	0.002	0.001	0.004	0.003	0.002A	0.002E	0.001	0.002	0.002	29
30	0.038		0.003	0.002	0.001	0.008	0.002	0.002E	0.001E	0.001	0.002	0.002	30
31	0.013		0.003		0.001		0.003	0.003E		0.001	0.001	0.002	31
										0.001		0.008	
TOTAL	0.110	0.023	0.108	0.078	0.088	0.121	0.144	0.472	0.080	0.084	0.227	0.107	TOTAL
MEAN	0.004	0.001	0.003	0.003	0.003	0.004	0.005	0.015	0.002	0.003	0.008	0.003	MEAN
MAX	0.038	0.002	0.010	0.014	0.011	0.038	0.017	0.288	0.010	0.028	0.084	0.021	MAX
MIN	0.001	0	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.004
MAXIMUM DAILY, 0.288 ON AUG 3
MINIMUM DAILY, 0E ON FEB 2
MAXIMUM INSTANTANEOUS,
1.78 AT 09:55 PST ON AUG 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 07 15 N
LONG 122 08 24 W
DRAINAGE AREA, 2 340 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	9.50	JUL	13.4
FEB	1.98	AUG	40.6
MAR	9.16	SEP	4.32
APR	6.63	OCT	7.28
MAY	8.28	NOV	19.6
JUN	10.5	DEC	9.24

TOTAL DISCHARGE, 140 dam³

WILLISTON LAKE AT LOST CABIN CREEK - STATION NO. 07EF002

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	31.822	28.673E	27.958E	25.318	26.904E	28.741	33.575	33.884	33.404	32.673	32.427	32.193	1
2	31.884	28.688E	27.490E	25.240E	26.938E	28.980	33.631	33.870	33.393	32.694	32.388	32.184	2
3	31.907	28.637E	27.380E	25.178E	26.978E	29.151	33.678	33.847	33.388	32.648	32.384	32.140	3
4	31.878	28.486E	27.274E	25.102E	26.283A	30.383	33.743	33.826	33.380	32.648	32.384	32.128	4
5	31.837	28.363E	27.214E	25.048E	26.453	30.572	33.788	33.809	33.362	32.645	32.401	32.107	5
6	31.381	28.267E	27.188E	24.983E	26.862	30.781	33.827	33.784	33.381	32.625	32.422	32.088	6
7	31.278	28.178E	27.083E	24.920E	26.891	31.015	33.870	33.758	33.321	32.798	32.430	32.086	7
8	31.204	28.110E	27.008E	24.888E	26.140	31.223	33.902	33.736	33.293	32.773	32.440	32.078	8
9	31.117	28.045E	26.875E	24.850E	25.379	31.408	33.930	33.721	33.285	32.735	32.463	32.084	9
10	31.042	28.988E	26.819E	24.809E	25.839	31.578	33.952	33.718	33.242	32.736	32.471	32.022	10
11	30.980	28.921E	26.788E	24.770E	26.697	31.757	33.989	33.715	33.212	32.713	32.482	31.971	11
12	30.941	28.788E	26.737E	24.724E	27.128	31.914	33.974	33.705	33.198	32.704	32.510	31.931	12
13	30.904	28.707E	26.698E	24.658E	27.321	32.082	33.977	33.694	33.177	32.682	32.521	31.887	13
14	30.835	28.802E	26.648E	24.614E	27.489	32.233	33.994	33.684	33.184	32.657	32.518	31.848	14
15	30.773	28.498E	26.560E	24.574E	27.642	32.403	34.000	33.678	33.136	32.622	32.498	31.827	15
16	30.729	28.430E	26.481A	24.540E	27.788	32.634	34.028	33.685	33.110	32.577	32.483	31.800	16
17	30.688	28.362E	26.417	24.536E	27.974	32.840	34.041	33.691	33.081	32.530	32.490	31.783	17
18	30.648	28.288E	26.388	24.500E	28.128	32.791	34.049	33.634	33.055	32.512	32.487	31.731	18
19	30.595A	28.200E	26.310E	24.448E	28.240	32.622	34.081	33.617	33.028	32.481	32.511	31.681	19
20	30.550E	28.138E	26.261E	24.404E	28.387	32.688	34.070	33.598	32.987	32.485	32.538	31.673	20
21	30.484E	28.058E	26.180E	24.418E	28.507	32.918	34.076	33.585	32.957	32.482	32.520	31.698	21
22	30.403E	27.988E	26.184E	24.388E	28.622	32.987	34.070	33.572	32.955	32.480	32.477	31.628	22
23	30.347E	27.941E	26.080E	24.427E	28.711	33.018	34.048	33.550	32.938	32.458	32.432	31.458	23
24	30.288E	27.853E	25.998E	24.458E	28.795	33.052	34.028	33.542	32.931	32.437	32.385	31.388	24
25	30.239E	27.827E	25.870E	24.485E	28.875	33.112	34.008	33.536	32.910	32.428	32.368	31.370	25
26	30.174E	27.803E	25.775E	24.515E	28.885	33.203	33.988	33.515	32.888	32.441	32.338	31.355	26
27	30.133E	27.688E	25.704E	24.563E	29.046	33.308	33.980	33.508	32.858	32.471	32.281	31.368	27
28	30.049E	27.633E	25.652E	24.642E	29.154	33.395	33.842	33.504	32.848	32.486	32.228	31.308	28
29	29.959E		25.594E	24.723E	29.271	33.467	33.836	33.481	32.849	32.474	32.237	31.281	29
30	29.748E		25.490A	24.815E	29.386	33.523	33.811	33.457	32.894	32.498	32.218	31.230	30
31	29.738E		25.402		29.532		33.898	33.431		32.488		31.204	31
MEAN	30.736	28.805	26.485	24.719	27.497	32.091	33.933	33.854	33.120	32.618	32.425	31.780	MEAN
MAX	31.822	28.673	27.958	25.318	29.532	33.523	34.078	33.884	33.404	32.673	32.538	32.193	MAX
MIN	28.738	27.633	25.402	24.388	24.904	28.741	33.575	33.431	32.849	32.428	32.218	31.204	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MEAN, 30.663
MAXIMUM DAILY, 34.078 ON JUL 21
MINIMUM DAILY, 24.388E ON APR 22
MAXIMUM INSTANTANEOUS,
34.083 AT 19:06 PST ON JUL 21

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 02 59 N
LONG 123 44 44 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1967

WILLISTON LAKE AT NATION ARM - STATION NO. 07ED002

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	31.841	28.731A	27.534A	25.382	26.877	28.720E	33.848	33.915	33.402	32.683	32.510	32.284	1
2	31.891	28.662A	27.488E	25.286	26.894	30.000E	33.703	33.911	33.388	32.687	32.477	32.232	2
3	31.834	28.647A	27.378A	25.211	25.236	30.260E	33.743	33.873	33.370	32.669	32.488	32.222	3
4	31.480	28.468A	27.334A	25.138	25.387	30.472	33.825	33.854	33.385	32.915	32.501	32.212	4
5	31.437	28.388A	27.280A	25.070	25.849	30.707	33.880	33.848	33.403	32.902	32.520	32.200	5
6	31.341	28.262A	27.183A	25.020	26.758	30.841	33.906	33.831	33.387	32.852	32.538	32.187	6
7	31.258	28.163A	27.090A	24.981	26.894	31.143	33.880	33.803	33.341	32.820	32.545	32.168	7
8	31.208	28.079A	27.015A	24.914	26.240	31.343	33.891	33.778	33.300	32.805	32.595	32.177	8
9	31.147	28.894A	26.958A	24.870	25.508	31.533	34.026	33.780	33.270	32.781	32.583	32.171	9
10	31.073	28.815A	26.873A	24.825	26.747	31.701	34.056	33.788	33.241	32.788	32.563	32.086A	10
11	31.005	28.827A	26.812A	24.778	26.988	31.872	34.082	33.778	33.215	32.717	32.587	32.038A	11
12	30.981	28.763A	26.761A	24.735	27.228	32.019	34.052	33.758	33.187	32.780	32.631	32.023A	12
13	30.821	28.670A	26.685E	24.695	27.421	32.175	34.068	33.761	33.173	32.784	32.627	31.978A	13
14	30.688	28.588A	26.628A	24.626	27.600	32.338	34.068	33.714	33.165	32.725	32.641	31.942A	14
15	30.622	28.631A	26.586A	24.602	27.731	32.507	34.070	33.722	33.128	32.690	32.580	31.926A	15
16	30.788	28.437A	26.498A	24.582	27.689	32.642	34.074	33.705	33.110	32.634	32.585	31.906A	16
17	30.714	28.380A	26.421A	24.550	28.092	32.782	34.102	33.692	33.074	32.583	32.589	31.856A	17
18	30.887	28.289A	26.367A	24.515	28.238	32.841	34.108	33.673	33.023	32.585	32.600	31.826A	18
19	30.801	28.171E	26.330A	24.478	28.340	32.923	34.124	33.643	33.000	32.484	32.638	31.811A	19
20	30.632A	28.083A	26.289A	24.480	28.477	32.975	34.124	33.603	32.987	32.501	32.643	31.773A	20
21	30.601A	28.000A	26.234A	24.428	28.824	33.008	34.108	33.588	32.980	32.534	32.582	31.888A	21
22	30.430A	27.845A	26.181A	24.441	28.732	33.072	34.087	33.601	32.933	32.533	32.583	31.812A	22
23	30.388A	27.801A	26.094A	24.471	28.825	33.128	34.081	33.586	32.930	32.538	32.604	31.638A	23
24	30.307A	27.880A	26.033A	24.484	28.915	33.168	34.086	33.571	32.918	32.489	32.460	31.478A	24
25	30.179A	27.791A	25.956A	24.530	28.983	33.213	34.049	33.570	32.902	32.502	32.438	31.460A	25
26	30.174	27.731A	25.876A	24.584	29.103	33.288	34.031	33.582	32.888	32.534	32.421	31.448A	26
27	30.121	27.700A	25.784A	24.630	29.201	33.418	34.001	33.536	32.870	32.578	32.333	31.488A	27
28	30.062	27.824A	25.885A	24.681	29.298	33.484	33.978	33.521	32.852	32.583	32.301	31.387A	28
29	29.985		25.888A	24.770	29.411A	33.548	33.978	33.500	32.871	32.542	32.286	31.351A	29
30	29.853A		25.836	24.888	29.500E	33.604	33.985	33.478	32.881	32.598	32.267	31.313A	30
31	29.805A		25.482		29.645E		33.934	33.447		32.648		31.288A	31
MEAN	30.788	28.588	26.513	24.783	27.604	32.183	33.995	33.588	33.118	32.670	32.521	31.841	MEAN
MAX	31.841	28.731	27.534	25.382	29.645	33.604	34.124	33.915	33.403	32.915	32.643	32.284	MAX
MIN	29.805	27.824	25.482	24.428	24.877	28.720	33.848	33.447	32.852	32.484	32.267	31.288	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MEAN, 30.704
MAXIMUM DAILY, 34.124 ON JUL 19
MINIMUM DAILY, 24.428 ON APR 21
MAXIMUM INSTANTANEOUS,
34.181 AT 19:30 PST ON JUL 20

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 30 14 N
LONG 123 26 11 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1967

WILLISTON LAKE NEAR SCHOOLER CREEK - STATION NO. 07EF003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	31.788E	29.683	27.495	25.304	24.855	28.763	33.557	33.893	33.431	32.894	32.481	32.234	1
2	31.714E	29.596	27.418	25.318	24.999	28.957	33.518	33.884	33.422	32.912	32.464	32.216	2
3	31.660E	29.544	27.331	25.152	25.134	30.152	33.470	33.876	33.417	32.888	32.430	32.188	3
4	31.618E	29.458	27.208	25.077	25.282	30.386	33.705	33.850	33.438	32.861	32.430	32.171	4
5	31.558E	29.378	27.146	25.020	25.451	30.590	33.778	33.825	33.400	32.859	32.456	32.187	5
6	31.474E	29.285	27.112	24.947	25.656	30.791	33.826A	33.816	33.389	32.856	32.497	32.186	6
7	31.374E	29.186	27.019	24.890	25.885	30.997	33.870E	33.778	33.319	32.842	32.480	32.108	7
8	31.291E	29.121	26.942	24.854	26.125	31.178	33.897E	33.763	33.285	32.818	32.507	32.082	8
9	31.228E	29.035	26.812	24.813	26.381	31.384	33.911E	33.746	33.259	32.794	32.456	32.027E	9
10	31.154	28.918	26.781	24.771	26.653	31.583	33.937E	33.755	33.255	32.778	32.514	32.068A	10
11	31.067	28.886	26.887	24.733	26.904	31.754	33.882E	33.740	33.238	32.748	32.483	32.088	11
12	30.982	28.745	26.889	24.678	27.131	31.926	33.868E	33.722	33.210	32.724	32.491A	32.015	12
13	30.940	28.650	26.826	24.601	27.322	32.081	33.868E	33.723	33.187	32.683	32.494A	31.971	13
14	30.888	28.550	26.588	24.588	27.507	32.242	33.873E	33.716	33.158	32.685	32.524A	31.911	14
15	30.835	28.438	26.485	24.520	27.665	32.406	33.863E	33.691	33.129	32.645	32.541A	31.888	15
16	30.776	28.383	26.420	24.487	27.811	32.534	34.010E	33.672	33.073	32.603	32.581	31.821	16
17	30.741	28.277	26.288	24.488	27.945	32.636	34.037E	33.665	33.069	32.581	32.584	31.767	17
18	30.689	28.187	26.296	24.461	28.103	32.753	34.043E	33.651	33.058	32.545	32.583	31.731A	18
19	30.622	28.132	26.258	24.391	28.238	32.820	34.055E	33.646	33.015	32.510	32.574	31.686E	19
20	30.570	28.067	26.216	24.350	28.355	32.871	34.078A	33.614	33.014	32.488	32.567	31.651E	20
21	30.511	27.988	26.183	24.368	28.482	32.918	34.103	33.584	32.972	32.467	32.553	31.618E	21
22	30.428	27.912	26.125	24.330	28.602	32.953	34.084	33.582	32.971	32.458	32.506	31.574A	22
23	30.358	27.868	26.063	24.372	28.681	32.991	34.067	33.588	32.973	32.466	32.488	31.523	23
24	30.308	27.778	25.986	24.403	28.762	33.021	34.048	33.583	32.951	32.478	32.398	31.488	24
25	30.251	27.741	25.842	24.425	28.884	33.075	34.035	33.545	32.940	32.453	32.319	31.445	25
26	30.187	27.733	25.752	24.487	28.932	33.174	33.988	33.532	32.933	32.434	32.340	31.417	26
27	30.138	27.621	25.676	24.530	29.042	33.272	33.976	33.521	32.902	32.482	32.332	31.386	27
28	30.048	27.588	25.631	24.586	29.184	33.371	33.871	33.508	32.881	32.518	32.312	31.370	28
29	29.956		25.588	24.678	29.273	33.462	33.827	33.480	32.881	32.522	32.282	31.321	29
30	29.788		25.477	24.788	29.403	33.503	33.838	33.448	32.873	32.486	32.276	31.278	30
31	29.782		25.381		29.585		33.821	33.430		32.482		31.262	31
MEAN	30.788	28.580	26.438	24.874	27.488	32.083	33.833	33.670	33.138	32.643	32.488	31.781	MEAN
MAX	31.788	29.683	27.495	25.304	29.585	33.503	34.103	33.893	33.431	32.912	32.674	32.234	MAX
MIN	29.782	27.588	25.381	24.330	24.855	28.763	33.557	33.430	32.873	32.434	32.276	31.262	MIN

WATER LEVELS IN METRES

MEAN, 30.857
MAXIMUM DAILY, 34.103 ON JUL 21
MINIMUM DAILY, 24.330 ON APR 22
MAXIMUM INSTANTANEOUS,
34.138 AT 10:34 PST ON JUL 21

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 06 20 N
LONG 122 43 57 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1967

WILLOW RIVER ABOVE HAY CREEK - STATION NO. 08KD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.388	8.008	7.508	7.988	185	88.1	26.3	16.4	16.3	13.1	15.8	19.88	1
2	8.328	7.708	7.518	8.388	185	88.3	25.5	16.1	16.3	12.6	16.2	19.38	2
3	8.228	7.808	7.628	8.808	188	84.5	25.8	80.5	17.8	12.8	21.3	19.48	3
4	8.178	7.488	7.888	8.508	188	83.8	26.0	89.8	18.5	12.4	87.5	20.28	4
5	8.048	7.408	7.878	10.1 E	180	83.3	25.8	48.5	16.2	12.3	77.1	21.28	5
6	8.828	7.388	7.808	12.5 E	168	81.2	27.3	41.7A	15.1	12.2	88.8	21.18	6
7	8.728	7.378	7.808	13.4 E	165	87.7	26.3	37.3E	18.5	12.2	83.1	20.78	7
8	8.588	7.388	7.898	14.3 E	168	88.7	28.0	32.8E	14.8	12.1	88.1	20.18	8
9	8.438	7.388	7.888	15.0 E	168	82.8	28.8	28.5E	14.3	11.8	88.4	19.08	9
10	8.398	7.398	7.888	15.8 E	168	81.1	28.4	24.1A	13.7	11.5	71.5	18.48	10
11	8.248	7.388	7.888	18.1 E	180	48.3	28.3	23.4	13.4	11.5	77.8	18.08	11
12	8.178	7.388	7.678	17.7 E	138	45.2	24.3	22.8	13.0	11.8	81.08	17.88	12
13	7.978	7.298	7.528	20.0 E	125	43.8	24.0	21.9	12.7	12.3	48.58	17.48	13
14	7.958	7.328	7.508	23.8 E	113	41.7	24.2	21.8	12.4	12.3	43.08	16.48	14
15	7.978	7.378	7.488	28.0 E	103	40.8	24.1	20.8	12.1	12.0	38.88	15.88	15
16	8.008	7.388	7.488	34.8 E	88.2	38.7	24.4	19.7	11.8	11.8	33.88	14.88	16
17	7.868	7.388	7.428	40.0 E	83.6	38.0	24.8	18.7	11.7	11.8	32.88	14.38	17
18	7.838	7.358	7.408	48.2 E	100	34.5	24.0	17.8	11.4	11.8	32.48	13.88	18
19	7.828	7.288	7.368	88.0 E	109	32.7	22.0	17.3	12.1	13.2	33.08	13.58	19
20	7.788	7.278	7.378	63.0 E	108	32.4	20.6	17.1	15.7	13.3	36.68	13.38	20
21	7.708	7.288	7.328	84.0 E	88.2	34.0	19.8	17.1	15.1	13.8	38.08	13.28	21
22	7.688	7.308	7.308	127	88.0	32.8	19.4	20.4	15.0	14.1	33.58	13.38	22
23	7.608	7.388	7.308	141	78.0	30.8	18.8	26.2	14.2	15.1	31.08	14.78	23
24	7.538	7.488	7.348	138	72.6	28.0	18.6	25.4	13.7	15.3	28.08	30.08	24
25	7.578	7.588	7.388	134	69.2	27.3	18.6	23.6	13.2	16.0	26.48	44.88	25
26	7.608	7.588	7.388	138	87.4	25.0	18.8	21.8	12.8	16.2	24.78	47.08	26
27	7.888	7.588	7.368	134	88.3	23.8	17.8	20.1	13.5	16.5	23.18	48.48	27
28	7.878	7.538	7.418	128	88.2	23.2	18.7	18.8	12.3	16.3	22.08	44.08	28
29	8.228		7.438	140	82.8	23.0	18.0	17.8	12.0	16.8	21.18	40.08	29
30	8.708		7.488	183	81.4	23.1	15.8	17.0	12.8	16.8	20.38	37.08	30
31	8.378		7.808		83.8		14.8	16.4		16.8		34.68	31
TOTAL	255.37	209.02	231.48	1 789.03	3 480.5	1 270.8	884.8	788.3	430.4	418.8	1 220.8	722.2	TOTAL
MEAN	8.24	7.43	7.47	59.6	113	42.4	23.4	25.4	14.0	13.4	40.7	23.3	MEAN
MAX	8.38	8.00	7.80	183	185	88.3	27.2	80.5	18.3	16.8	77.8	48.8	MAX
MIN	7.83	7.27	7.30	7.88	81.4	23.0	14.8	14.4	11.4	11.8	18.8	13.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 31.8
MAXIMUM DAILY, 185 ON MAY 1
MINIMUM DAILY, 7.278 ON FEB 20
MAXIMUM INSTANTANEOUS,
178 AT 05:38 PST ON MAY 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 02 44 N
LONG 122 22 33 W
DRAINAGE AREA, 2 670 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	22 100	JUL	80 000
FEB	18 000	AUG	68 100
MAR	20 000	SEP	36 300
APR	155 000	OCT	36 000
MAY	302 000	NOV	105 000
JUN	110 000	DEC	62 400

TOTAL DISCHARGE, 955 000 dam³

WINDREM CREEK NEAR CHETWYND - STATION NO. 07FB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.001	0.118	0.182	0.157	0.040	0.023	---	---	1
2	---	---	---	---	0.001	0.135	0.185	0.146	0.038	0.063	---	---	2
3	---	---	---	---	0.055	0.118	0.198	0.107	0.048	0.047	---	---	3
4	---	---	---	---	0.058	0.101	0.178	0.076	0.068	0.076	---	---	4
5	---	---	---	---	0.186	0.098	0.181	0.081	0.048	0.063	---	---	5
6	---	---	---	---	0.195	0.082	0.113	0.083	0.040	0.035	---	---	6
7	---	---	---	---	0.195	0.082	0.117	0.064	0.050	0.008	---	---	7
8	---	---	---	---	0.206	0.068	0.144	0.028	0.083	0.005	---	---	8
9	---	---	---	---	0.209	0.088	0.151	0.064	0.078	0.006	---	---	9
10	---	---	---	---	0.221	0.250	0.174	0.057	0.003	0.007	---	---	10
11	---	---	---	---	0.180	0.109	0.157	0.054	0.005	0.011	---	---	11
12	---	---	---	---	0.118	0.182	0.127	0.048	0.007	0.020	---	---	12
13	---	---	---	---	0.129	0.086	0.113	0.041	0.004	0.023	---	---	13
14	---	---	---	---	0.115	0.078	0.106	0.038	0.003	0.028E	---	---	14
15	---	---	---	---	0.101	0.080	0.077	0.037	0.004	0.035	---	---	15
16	---	---	---	---	0.082	0.088	0.073	0.084	0.008	0	---	---	16
17	---	---	---	---	0.082	0.090	0.088	0.072	0.012	0.004	---	---	17
18	---	---	---	---	0.080	0.078	0.078	0.057	0.010	0.022	---	---	18
19	---	---	---	---	0.074	0.087	0.077	0.050	0.014	0.020	---	---	19
20	---	---	---	---	0.078	0.083	0.081	0.039	0.015	0.025	---	---	20
21	---	---	---	---	0.088	0.080	0.043	0.038	0.012	0.018	---	---	21
22	---	---	---	---	0.183	0.042	0.081	0.082	0.008	0.020	---	---	22
23	---	---	---	---	0.183	0.037	0.038	0.229	0.004	0.023	---	---	23
24	---	---	---	---	0.238	0.031	0.038	0.188	0.005	0.030	---	---	24
25	---	---	---	---	0.373	0.027	0.022	0.158	0.004	0.023	---	---	25
26	---	---	---	---	0.432	0.171	0.038	0.108	0.004	0.028	---	---	26
27	---	---	---	---	0.384	0.703	0.048	0.087	0.051	0.023	---	---	27
28	---	---	---	---	0.389	0.243	0.087	0.074	0.028	0.101	---	---	28
29	---		---	---	0.268	0.291	0.038	0.081	0.021	0.018	---	---	29
30	---		---	---	0.240	0.211	0.031	0.052	0.004	0.010E	---	---	30
31	---		---		0.172		0.150	0.044		0.002E		---	31
TOTAL	---	---	---	---	5.210	3.899	3.124	2.444	0.587	0.819	---	---	TOTAL
MEAN	---	---	---	---	0.168	0.130	0.101	0.079	0.023	0.026	---	---	MEAN
MAX	---	---	---	---	0.432	0.703	0.198	0.229	0.078	0.101	---	---	MAX
MIN	---	---	---	---	0.001	0.027	0.022	0.028	0.003	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.703 ON JUN 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 41 45 N
LONG 121 37 49 W
DRAINAGE AREA, 22.8 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	270
FEB	---	AUG	211
MAR	---	SEP	59.4
APR	---	OCT	70.6
MAY	480	NOV	---
JUN	337	DEC	---

WITCHES BROOK NEAR MERRITT - STATION NO. 08LG009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0068	0.0028	0.0038	0.0068	0.006	0.058	0.002	0.001	0.004	0.005	0.002	0.0038	1
2	0.0068	0.0018	0.0038	0.0068	0.013	0.048	0.002	0.010	0.004	0.005	0.002	0.0038	2
3	0.0068	0.0018	0.0038	0.0068	0.078	0.037	0.002	0.005	0.003	0.005	0.003	0.0048	3
4	0.0068	0.0018	0.0038	0.0068	0.112	0.030	0.002	0.002	0.003	0.005	0.003	0.0058	4
5	0.0068	0.0018	0.0048	0.0068	0.108	0.021	0.002	0.002	0.004	0.005	0.003	0.0058	5
6	0.0068	0.0018	0.0048	0.0068	0.108	0.012	0.002	0.001	0.003	0.005	0.002	0.0068	6
7	0.0068	0.0018	0.0048	0.0068	0.107	0.007	0.002	0.001	0.003	0.005	0.002	0.0068	7
8	0.0048	0.0018	0.0058	0.0068	0.108	0.006	0.002	0.001	0.003	0.005	0.003	0.0048	8
9	0.0048	0.0018	0.0058	0.0068	0.083	0.004	0.002	0.001	0.003	0.005	0.002	0.0038	9
10	0.0048	0.0028	0.0068	0.0068	0.086	0.004	0.006	0.001	0.003	0.006	0.002	0.0028	10
11	0.0048	0.0028	0.0068	0.0068	0.068	0.003	0.004	0.001	0.003	0.005	0.002	0.0028	11
12	0.0068	0.0028	0.0068	0.0068	0.057	0.003	0.003	0.001	0.003	0.004	0.002	0.0028	12
13	0.0068	0.0038	0.0068	0.0078	0.060	0.003	0.002	0.001	0.003	0.004	0.002	0.0038	13
14	0.0068	0.0038	0.0068	0.0078	0.047	0.003	0.005	0.001	0.003	0.004	0.001	0.0038	14
15	0.0068	0.0038	0.0068	0.0078	0.041	0.003	0.014	0.005	0.003	0.003	0.001	0.0038	15
16	0.0068	0.0038	0.0068	0.0088	0.035	0.003	0.008	0.010	0.004	0.003	0.001	0.0038	16
17	0.0068	0.0038	0.0068	0.0088	0.029	0.003	0.004	0.011	0.004	0.004	0.001	0.0038	17
18	0.0068	0.0048	0.0048	0.0088	0.028	0.003	0.002	0.007	0.004	0.004	0.001	0.0028	18
19	0.0068	0.0048	0.0048	0.0088	0.018	0.003	0.003	0.008	0.004	0.004	0.001	0.0028	19
20	0.0068	0.0048	0.0068	0.008	0.013	0.003	0.002	0.005	0.004	0.003	0.001	0.0028	20
21	0.0068	0.0048	0.0068	0.0088	0.011	0.003	0.002	0.005	0.004	0.003	0.0048	0.0018	21
22	0.0048	0.0068	0.0078	0.0088	0.008	0.004	0.002	0.005	0.004	0.003	0.0048	0.0018	22
23	0.0038	0.0068	0.0078	0.0078	0.008	0.003	0.002	0.005	0.004	0.004	0.0038	0.0018	23
24	0.0038	0.0068	0.0068	0.0068	0.024	0.003	0.001	0.004	0.004	0.007	0.0038	0.0018	24
25	0.0038	0.0048	0.0068	0.0068	0.051	0.002	0.001	0.004	0.004	0.005	0.003	0.0018	25
26	0.0038	0.0048	0.0068	0.0068	0.048	0.002	0.001	0.004	0.005	0.003	0.0038	0.0018	26
27	0.0038	0.0048	0.0068	0.0068	0.061	0.003	0.001	0.004	0.005	0.003	0.0038	0.0028	27
28	0.0048	0.0048	0.0068	0.0068	0.073	0.003	0.001	0.004	0.005	0.003	0.0038	0.0028	28
29	0.0048		0.0078	0.0068	0.086	0.003	0.001	0.005	0.005	0.002	0.0048	0.0028	28
30	0.0068		0.0078	0.007	0.087	0.003	0.001	0.004	0.005	0.002	0.0048	0.0038	30
31	0.0068		0.0078		0.084		0.001	0.004		0.002		0.0038	31
TOTAL	0.152	0.078	0.181	0.188	1.703	0.263	0.081	0.121	0.114	0.124	0.071	0.082	TOTAL
MEAN	0.005	0.003	0.006	0.007	0.055	0.009	0.003	0.004	0.004	0.004	0.002	0.003	MEAN
MAX	0.008	0.005	0.007	0.008	0.112	0.058	0.014	0.011	0.005	0.007	0.004	0.005	MAX
MIN	0.003	0.001	0.003	0.005	0.006	0.002	0.001	0.001	0.003	0.002	0.001	0.001	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.009
MAXIMUM DAILY, 0.112 ON MAY 4
MINIMUM DAILY, 0.0018 ON FEB 2
MAXIMUM INSTANTANEOUS,
0.124 AT 21:13 PST ON MAY 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 29 33 N
LONG 120 51 28 W
DRAINAGE AREA, 139 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1983

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13.1	JUL	7.00
FEB	6.74	AUG	10.5
MAR	13.9	SEP	8.89
APR	18.8	OCT	10.7
MAY	147	NOV	8.13
JUN	24.5	DEC	7.08

TOTAL DISCHARGE, 273 dam³

YAKOUN RIVER NEAR PORT CLEMENTS - STATION NO. 08OA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	19.5	31.5 B	9.40B	49.3	14.3	5.85	4.11	2.88	1.51	8.82	24.2	91.9	1
2	21.7	25.0 B	9.30B	83.1	14.4	5.57	3.89	2.48	1.47	5.34	50.8	153	2
3	22.5	20.0 B	8.48	84.5	13.5	5.37	3.59	2.32	1.50	4.81	84.2	114	3
4	34.0	15.0 B	10.9	57.6	12.1	5.15	3.42	2.33	10.3	10.8	81.7	128	4
5	23.9	13.0 B	28.7	44.0	11.2	4.88	3.18	2.32	10.2	10.6	90.0	183	5
6	17.8	12.3 B	25.5	31.6	11.0	4.81	3.05	2.27	7.13	7.88	48.4	61.8	6
7	14.4	12.0 B	17.6	26.0	10.8	4.48	2.87	2.15	5.87	21.8	47.7	87.0	7
8	12.7	11.5 B	15.8	20.9	10.8	4.18	2.74	2.07	5.05	33.0	115	83.7	8
9	12.6	11.3 B	14.5	17.4	12.2	3.88	2.83	2.24	4.68	35.8	84.6	50.8	9
10	14.9	11.3 B	12.2	15.0	11.1	3.85	2.41	2.38	4.03	35.2	85.7	38.8	10
11	22.8	11.0 B	11.0	15.1	10.6	3.47	2.21	2.55	3.84	63.9	48.3	33.5	11
12	67.5	10.2	13.6	14.4	9.40	3.50	2.10	2.88	3.29	45.5	34.6	32.5	12
13	62.0	9.30	22.6	13.3	8.48	3.88	2.01	2.83	2.88	38.4	42.0	27.0	13
14	35.8	8.88	16.6	13.9	7.88	4.40	2.08	2.38	2.72	30.9	62.8	24.0	14
15	28.2	8.31	13.2	13.8	7.37	4.89	2.23	2.18	2.84	22.4	81.1	20.3	15
16	83.7	7.84	11.8	14.1	7.28	5.34	2.77	2.00	2.50	17.1	84.8	17.4	16
17	116	7.60B	10.8	12.7	7.08	5.49	3.18	1.87	2.88	26.7	57.7	15.3	17
18	78.3	7.30B	9.80	12.1	6.61	12.0	3.23	1.78	2.37	33.8	55.8	13.8	18
19	100	6.90B	9.58	14.8	6.04	10.8	3.08	1.78	2.27	41.8	82.9	14.8	19
20	177	6.80	8.84	24.0	6.23	9.05	3.08	1.77	8.18	33.9	90.8	17.0	20
21	88.8	17.2	15.0	40.0	5.81	14.8	3.41	1.80	4.88	30.0	38.3	18.7	21
22	55.3	38.3	24.0	42.8	5.61	22.5	3.34	3.07	3.59	35.4	28.8	28.8	22
23	37.6	24.1	21.0	27.5	5.38	14.1	4.34	3.74	2.87	42.8	60.6	50.3	23
24	32.3	18.0	15.9	21.4	5.08	9.27	4.84	2.71	2.85	28.8	60.3	82.8	24
25	80.1	15.3	13.9	18.8	4.81	7.43	4.22	2.22	2.41	31.5	38.2	107	25
26	182	13.3	13.0	17.0	7.70	6.19	3.63	1.88	2.30	28.8	27.3	75.2	26
27	118	11.8	16.0	15.7	11.5	5.48	3.27	1.81	2.18	18.8	87.0	82.8	27
28	230	11.3	56.5	14.6	8.35	4.88	3.10	1.71	2.04	15.8	291	41.0	28
29	144		38.4	13.5	6.84	4.88	3.21	1.85	20.1	82.3	129	64.4	29
30	88.8		27.7	14.1	6.47	4.81	3.08	1.80	11.5	51.1	189	81.8	30
31	47.8		33.3		6.19		2.84	1.86		31.7		124	31
TOTAL	1 999.9	399.23	560.66	802.2	271.19	204.83	97.23	68.98	137.14	869.42	2 199.5	1 853.7	TOTAL
MEAN	64.5	14.3	18.1	26.7	8.75	6.82	3.14	2.22	4.57	28.7	73.3	59.8	MEAN
MAX	230	38.3	56.5	84.5	14.4	22.5	4.84	3.74	20.1	63.2	291	183	MAX
MIN	12.6	6.80	8.48	12.1	4.81	3.47	2.01	1.58	1.47	4.81	24.2	13.8	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 26.0
MAXIMUM DAILY, 291 ON NOV 28
MINIMUM DAILY, 1.47 ON SEP 2
MAXIMUM INSTANTANEOUS,
358 AT 12:03 PST ON NOV 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 36 50 N
LONG 132 12 36 W
DRAINAGE AREA, 477 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	173 000	JUL	8 400
FEB	34 500	AUG	5 980
MAR	48 500	SEP	11 800
APR	69 300	OCT	78 800
MAY	23 400	NOV	190 000
JUN	17 700	DEC	180 000

TOTAL DISCHARGE, 819 000 dam³

YALAKOM RIVER ABOVE ORE CREEK - STATION NO. 08ME025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.80B	0.800B	1.12B	1.28	4.88	18.4	8.71	8.35	7.84	3.83	2.87	2.29	1
2	1.84B	0.860B	1.13B	1.28	4.44	18.7	6.38	17.8	8.85	3.72	2.82	2.30	2
3	1.82B	1.04 B	1.16B	1.28	4.82	16.0	6.62	15.4	8.00	3.63	3.04	2.42	3
4	1.85B	1.10 B	1.20B	1.28	5.31	18.1	6.48	12.0	7.85	3.52	3.10	2.37	4
5	1.75B	1.09 B	1.24B	1.28	6.91	20.0	6.11	10.5	7.69	3.47	3.02	2.33	5
6	1.80B	1.08 B	1.20B	1.37	7.18	18.6	6.86	9.70	7.18	3.38	2.81	2.32	6
7	1.85B	1.07 B	1.16B	1.38	7.70	16.9	6.85	8.88	6.80	3.28	2.85	2.31	7
8	1.90B	1.11 B	1.16B	1.38	6.61	16.0	6.83	8.11	6.76	3.21	2.77	2.28	8
9	1.80B	1.14 B	1.17B	1.33	8.03	14.6	8.26	7.78	6.39	3.14	3.07	2.26	9
10	1.71B	1.18 B	1.27	1.32	8.80	13.5	7.80	7.18	6.08	3.28	3.64	2.22	10
11	1.70B	1.18 B	1.25	1.38	7.28	14.4	11.8	6.48	5.88	3.25	3.18	2.19	11
12	1.76B	1.25 B	1.28	1.48	6.19	15.6	9.56	6.22	5.70	3.28	2.68	2.31	12
13	1.83B	1.30 B	1.27	1.58	5.55	16.5	9.88	6.11	5.60	3.16	2.84	2.30	13
14	1.80B	1.29 B	1.25	1.75	5.18	15.9	10.1	6.17	5.33	3.02	2.84	2.26	14
15	1.81B	1.32 B	1.23	1.81	5.28	12.3	10.3	6.94	5.20	2.88	2.48	2.20	15
16	1.83B	1.25 B	1.25	1.63	6.11	10.4	8.91	6.38	5.53	2.82	2.65	2.17	16
17	1.84B	1.20 B	1.25	1.70	6.52	8.89	7.70	6.82	5.47	3.08	2.83	2.21	17
18	1.81B	1.30 B	1.27	1.73	5.52	7.78	7.18	6.08	5.11	5.77	3.03	2.08	18
19	1.72B	1.33 B	1.27	1.86	4.85	6.86	7.22	8.71	4.88	4.83	2.81	2.28	19
20	1.86B	1.27 B	1.28	2.07	4.74	6.52	7.08	8.70	4.84	4.38	2.82	2.16	20
21	1.85B	1.28 B	1.28	2.02	4.48	6.50	6.87	10.1	4.81	3.82	2.80	2.03	21
22	1.80B	1.34 B	1.28	1.85	4.32	6.74	6.51	10.7	4.41	3.82	2.27	1.80B	22
23	1.52B	1.35 B	1.28	1.82	4.21	7.22	6.30	8.27	4.38	3.72	2.48	1.80B	23
24	1.41B	1.30 B	1.28	1.82	4.29	8.81	6.13	6.88	4.18	4.08	2.48	1.73B	24
25	1.45B	1.28 B	1.28	1.79	4.33	10.3	6.18	6.20	4.13	3.78	2.42	1.68B	25
26	1.52B	1.25 B	1.28	1.88	4.20	11.6	6.82	7.81	4.04	3.58	2.27	1.70B	26
27	1.65B	1.25 B	1.28	2.07	4.28	9.11	7.43	7.43	4.01	3.33	2.33	1.73B	27
28	1.70B	1.26	1.30	2.57	4.63	7.78	7.12	7.12	4.03	3.01	2.44	1.78B	28
29	1.67B		1.28	3.47	4.74	6.85	6.82	6.85	3.88	2.87	2.40	1.81B	29
30	2.00B		1.31	4.31	6.48	6.78	6.90	6.79	3.88	3.07	2.34	1.82B	30
31	1.25B		1.27		11.6		7.47	7.27		2.88		1.82B	31
TOTAL	52.54	33.680	38.52	54.14	180.91	388.73	228.07	274.42	166.87	108.19	80.84	65.06	TOTAL
MEAN	1.69	1.20	1.24	1.80	5.84	12.3	7.36	8.85	5.82	3.52	2.69	2.10	MEAN
MAX	2.00	1.35	1.31	4.31	11.6	20.0	11.8	17.8	8.85	5.77	3.64	2.42	MAX
MIN	1.25	0.800	1.12	1.28	4.20	6.50	6.85	6.11	3.88	2.82	2.27	1.68	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.53
MAXIMUM DAILY, 20.0 ON JUN 5
MINIMUM DAILY, 0.800B ON FEB 1
MAXIMUM INSTANTANEOUS,
22.9 AT 20:30 PST ON JUN 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 54 45 N
LONG 122 14 14 W
DRAINAGE AREA, 575 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 540	JUL	19 700
FEB	2 910	AUG	23 700
MAR	3 330	SEP	14 800
APR	4 680	OCT	9 430
MAY	15 600	NOV	6 980
JUN	31 600	DEC	5 620

TOTAL DISCHARGE, 143 000 dam³

ZEBALLOS RIVER NEAR ZEBALLOS - STATION NO. 08HE008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.7	18.8	7.80	17.0	20.8	20.3	15.4	7.07	4.82	3.80	10.4	28.4	1
2	15.1	14.3	7.07	15.8	22.3	19.6	22.0	7.14	4.75	3.77	8.82	156	2
3	61.7	12.4	8.74	26.5	23.9	18.5	26.0	8.85	4.89	3.78	34.7	182	3
4	27.0	11.2	8.89	86.7	36.2	18.5	18.1	8.80	4.89	3.98	30.4	167	4
5	17.2	10.5	11.3	27.2	34.7	17.9	21.9	8.85	4.81	4.28	16.2	61.7	5
6	13.4	9.86	14.5	17.8	25.1	14.9	15.6	8.80	4.54	4.07	38.1	34.0	6
7	10.8	8.56	10.3	16.9	20.9	13.2	12.8	8.38	4.49	3.99	28.3	88.7	7
8	10.0	8.17	11.3	28.1	18.7	12.9	11.7	8.22	4.44	4.04	124	54.8	8
9	10.2	8.82	16.3	21.4	18.2	12.5	10.8	8.12	4.36	4.54	372	34.3	9
10	9.70	8.84	23.5	20.6	16.1	12.4	10.7	8.83	4.37	5.84	98.8	24.2	10
11	8.82	8.48	36.8	28.2	13.3	12.8	10.3	8.73	4.30	30.2	32.8	18.3	11
12	82.9	8.18	18.0	27.2	12.8	13.0	10.0	8.83	4.26	26.8	21.1	15.8	12
13	35.2	7.89	12.8	17.5	12.8	16.0	9.83	5.78	4.21	13.5	20.5	14.3	13
14	16.5	7.84	10.9	13.9	13.6	26.6	9.33	8.09	4.19	11.3	18.6	12.8	14
15	15.6	7.80	10.8	14.7	14.7	13.9	9.04	5.80	4.18	7.75	16.2	11.8	15
16	80.8	7.37	10.8	18.9	15.1	11.8	8.25	5.55	4.20	6.21	28.3	10.8	16
17	44.2	7.13	8.88	66.1	13.8	12.6	11.7	5.43	4.22	24.4	22.6	9.81	17
18	30.8	7.12	8.38	73.8	12.7	21.7	11.1	5.37	4.17	83.6	35.4	8.43	18
19	21.8	8.86	11.6	39.8	11.8	23.8	10.3	5.29	4.08	52.4	80.7	8.87	19
20	44.8	7.03	17.0	26.2	11.2	18.7	8.90	5.61	4.08	80.3	37.8	8.88	20
21	24.7	6.86	12.5	18.4	10.7	14.5	12.6	7.75	4.03	87.1	28.3	8.82	21
22	18.4	24.3	10.9	18.1	10.8	15.8	11.8	7.21	4.01	33.5	20.0	15.8	22
23	13.2	17.6	10.0	21.8	11.3	14.8	9.82	6.21	3.93	48.9	28.2	38.5	23
24	11.9	12.1	10.8	22.3	11.0	13.8	9.14	5.80	3.89	25.8	25.5	23.2	24
25	11.8	9.85	33.7	20.7	13.4	13.5	8.84	5.40	3.91	46.0	20.8	16.3	25
26	35.0	8.63	21.5	19.8	30.2	12.2	8.32	5.29	3.98	48.3	17.4	15.3	26
27	30.5	8.48	14.4	25.0	21.1	11.3	8.10	5.18	3.85	20.0	22.4	18.0	27
28	28.1	8.25	13.9	27.4	17.1	11.2	7.71	5.10	3.90	13.3	75.1	13.8	28
29	103		16.2	28.3	16.4	10.8	7.43	5.02	3.87	11.8	57.9	13.3	29
30	158		20.7	22.2	17.1	14.0	7.27	4.92	3.83	17.4	29.1	16.4	30
31	39.0		17.2		19.3		7.08	4.87		12.4		38.5	31
TOTAL	1 036.82	286.34	443.84	787.2	544.3	483.2	383.66	184.47	126.82	707.04	1 373.82	1 127.98	TOTAL
MEAN	33.4	10.3	14.3	26.5	17.6	16.4	11.7	5.95	4.23	22.8	45.8	36.4	MEAN
MAX	158	24.3	36.8	73.8	36.2	26.6	26.0	7.75	4.82	83.6	372	182	MAX
MIN	8.70	6.86	6.74	13.9	10.7	10.8	7.08	4.87	3.83	3.77	8.82	8.86	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.4
MAXIMUM DAILY, 372 ON NOV 9
MINIMUM DAILY, 3.77 ON OCT 2
MAXIMUM INSTANTANEOUS,
881 AT 21:23 PST ON DEC 3

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 00 52 N
LONG 126 50 33 W
DRAINAGE AREA, 181 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	88 500	JUL	31 400
FEB	24 900	AUG	15 800
MAR	38 300	SEP	11 000
APR	88 800	OCT	61 100
MAY	47 000	NOV	119 000
JUN	40 000	DEC	97 500

TOTAL DISCHARGE, 845 000 dam³

ZYMAGOTITZ RIVER NEAR TERRACE - STATION NO. 08EE011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.108	5.208	2.458	5.23E	71.3	86.7	46.9	25.2	15.6	14.8	11.8	30.3	1
2	4.058	5.708	2.488	5.80E	70.5	89.4	36.8	25.1	14.2	13.1	22.0	68.8	2
3	4.008	5.108	2.508	5.80E	82.8	85.8	36.0	24.8	17.7	15.9	79.0	78.1	3
4	3.908	4.808	2.528	5.08E	81.6	83.5	31.6	25.4	21.9	19.4	43.6	83.0	4
5	3.808	4.408	2.568	5.80E	83.3	80.4	29.2	27.0	17.9	17.3	27.0	41.3	5
6	3.788	4.028	2.588	6.88E	85.9	58.9	30.1	24.5	17.4	13.8	22.5	31.6	6
7	3.708	3.808	2.608	7.40E	88.3	54.4	29.1	22.5	20.5	18.6	20.0	30.0	7
8	3.668	3.558	2.858	7.90E	86.4	53.3	31.1	20.7	20.3	25.9	23.8	28.6	8
9	3.678	3.328	2.708	8.35E	89.6	52.7	37.0	24.6	18.0	30.8	24.7	26.6	9
10	3.858	3.148	2.738	8.92E	40.4	55.2	51.3	20.6	16.6	21.9	23.3	23.2	10
11	3.888	3.008	2.808	9.70E	31.6	83.3	47.2	18.6	15.6	28.0	18.8	21.6	11
12	3.858	2.878	2.848	10.4 E	27.7	85.8	46.4	20.7	15.7	22.8	16.9	20.1	12
13	3.708	2.788	2.808	10.9 E	26.5	87.0	45.6	28.9	14.2	20.6	14.6	19.2	13
14	3.608	2.708	2.888	11.7 E	28.7	82.0	37.0	25.1	13.2	18.6	13.8A	18.7	14
15	3.908	2.678	3.028	12.2 E	34.3	42.5	30.0	22.3	10.7	18.0	19.8E	17.9	15
16	4.038	2.688	3.118	13.1 E	41.1	35.2	27.8	23.3	9.22	14.6	28.0E	17.3	16
17	4.208	2.608	3.208	14.4 E	32.8	30.7	28.1	26.0	8.88	28.7	38.0E	17.0	17
18	4.408	2.548	3.258	16.3 E	26.8	28.4	26.4	25.7	8.85	41.7	188 E	18.4	18
19	4.858	2.508	3.308	16.8 E	26.5	26.8	25.6	24.4	18.6	34.8	88.1A	15.8	19
20	4.808	2.468	3.408	18.3 E	26.5	26.8	28.7	26.0	28.1	32.7	31.8	16.2	20
21	5.108	2.478	3.508	19.8 E	23.6	31.2	26.4	34.2	25.6	24.9	23.1	14.1	21
22	5.428	2.468	3.608	22.0 E	23.1	32.7	25.0	21.6	22.6	20.1	18.8	13.7	22
23	5.978	2.458	3.688	24.1 E	24.6	49.6	23.8	20.1	19.7	17.2	17.1	14.0	23
24	6.808	2.448	3.778	28.8 A	28.2	61.6	23.7	19.2	16.4	16.6	16.2	37.3	24
25	7.608	2.438	3.888	34.0	28.4	60.9	23.6	18.6	14.8	16.7	13.4	61.6	25
26	9.208	2.428	4.008	38.6	28.7	43.3	24.9	18.9	14.2	18.4	12.3	83.1	26
27	10.8 B	2.438	4.188	41.8	30.9	28.7	29.2	19.6	13.8	14.2	12.4	84.4	27
28	10.8 B	2.448	4.308	43.8	41.4	26.8	25.7	20.0	14.1	12.4	38.0	31.8	28
29	9.808		4.808	51.4	58.7	31.8	23.3	18.8	44.8	13.8	29.3	24.9	29
30	8.008		4.758	62.3	77.8	34.7	25.7	18.2	20.7	13.1	32.6	22.2	30
31	7.008		4.888		71.5		27.3	17.7		11.8		23.3	31
TOTAL	188.88	80.37	101.72	570.37	1 385.8	1 485.0	891.8	708.7	528.45	521.3	897.1	1 019.5	TOTAL
MEAN	6.35	3.23	3.28	19.0	43.7	49.5	32.0	22.9	17.6	20.0	29.9	32.8	MEAN
MAX	10.8	5.20	4.88	62.3	77.8	83.5	51.3	34.2	44.8	41.7	188	88.5	MAX
MIN	3.66	2.42	2.46	5.23	23.1	26.8	23.3	17.7	8.88	11.8	11.8	13.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.4
MAXIMUM DAILY, 188E ON NOV 18
MINIMUM DAILY, 2.42B ON FEB 26
MAXIMUM INSTANTANEOUS,
233 ON NOV 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 31 07 N
LONG 128 43 40 W
DRAINAGE AREA, 376 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	14 300	JUL	88 700
FEB	7 810	AUG	61 300
MAR	8 790	SEP	45 500
APR	49 300	OCT	53 700
MAY	117 000	NOV	77 500
JUN	128 000	DEC	88 100

TOTAL DISCHARGE, 737 000 dam³

ZYMOETZ RIVER ABOVE O.K. CREEK - STATION NO. 08EF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.88	37.08	12.28	15.0	318	416	177	124	89.5	78.8	48.7	115	1
2	20.08	33.88	12.38	15.4	364	391	162	123	84.4	88.2	86.4	218	2
3	19.48	30.08	12.48	15.9	400	378	158	124	86.2	84.2	257	247	3
4	19.08	27.08	12.88	16.1	378	415	144	126	81.1	81.8	241	208	4
5	18.88	23.88	12.78	16.4	365	448	133	118	72.1	88.5	184	188	5
6	18.88	21.08	12.88	16.5	421	381	133	105	85.7	83.4	119	135	6
7	18.48	18.48	13.08	17.0	459	339	132	100	78.5	84.8	88.7	114	7
8	18.28	18.38	13.28	17.1	426	325	140	84.7	78.0	83.2	129	89.6	8
9	18.08	15.08	13.48	17.1	380	304	167	88.1	72.0	72.3	130	84.8	9
10	18.08	14.08	13.88	17.8	303	308	188	88.0	83.2	75.3	184	76.3	10
11	18.4	13.78	13.88	23.1	241	332	188	84.8	88.8	74.3	132	87.7	11
12	22.2	13.58	13.88	28.4	188	363	183	85.7	83.8	70.8	105	83.2	12
13	40.0	13.38	14.08	33.6	172	328	167	103	81.4	58.3	90.1	80.0	13
14	30.3	13.18	14.18	46.0	188	328	177	108	88.8	52.1	77.8	87.0	14
15	28.7	12.88	14.28	57.8	177	286	160	102	82.1	46.1	88.3	84.1	15
16	25.4	12.88	14.58	50.6	220	218	131	102	44.8	38.8	74.3	81.8	16
17	23.8	12.78	14.68	47.0	202	184	124	111	40.8	48.0	88.3	50.8	17
18	22.2	12.58	14.88	47.5	175	158	126	117	37.3	98.1	468	48.3	18
19	21.6	12.48	14.58	56.3	173	136	123	114	78.8	92.0	844	48.3	19
20	27.1	12.48	14.18	61.2	167	126	124	115	114	129	284	42.3	20
21	24.8	12.48	14.18	58.5	140	134	115	138	108	102	178	38.2	21
22	22.8	12.48	14.2	56.0	136	141	112	104	81.9	78.0	134	41.4	22
23	21.0	12.68	14.2	78.7	138	186	107	87.7	76.1	64.8	114	56.3	23
24	21.7	12.88	13.8	88.2	162	242	102	86.0	86.0	57.2	87.0	139	24
25	22.1	12.78	13.6	110	174	255	103	81.1	80.2	57.1	82.7	276	25
26	42.8	12.78	13.7	136	170	226	106	77.8	68.2	62.7	73.4	387	26
27	62.9	12.68	13.5	160	158	196	143	78.4	68.1	67.7	86.8	342	27
28	66.1	12.38	13.6	174	188	133	146	86.7	64.1	48.8	116	224	28
29	65.5		14.1	217	271	131	121	91.8	187	50.0	122	189	29
30	61.0		14.3	268	385	137	122	88.0	137	56.1	124	137	30
31	60.08		14.6		416		130	84.1		48.9		123	31
TOTAL	886.1	485.5	423.7	2 055.5	8 084	7 850	4 349	3 145.8	2 224.1	2 035.8	4 438.8	3 822.3	TOTAL
MEAN	28.0	16.8	13.7	68.5	260	262	140	101	74.1	65.7	148	127	MEAN
MAX	62.8	37.0	14.6	268	459	448	188	136	187	129	844	387	MAX
MIN	14.0	12.3	12.2	15.0	136	126	102	77.6	37.3	38.9	46.7	38.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 109
MAXIMUM DAILY, 844 ON NOV 19
MINIMUM DAILY, 12.28 ON MAR 1
MAXIMUM INSTANTANEOUS,
1 030 AT 21:35 PST ON NOV 19

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 28 00 N
LONG 128 18 50 W
DRAINAGE AREA, 2 880 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	75 000	JUL	376 000
FEB	40 200	AUG	272 000
MAR	36 600	SEP	192 000
APR	178 000	OCT	176 000
MAY	697 000	NOV	384 000
JUN	681 000	DEC	330 000

TOTAL DISCHARGE, 3 450 000 dam³

NAME	STATION NO.	PAGE
ADAMS LAKE NEAR SQUILAX	08LD003	1
ADAMS RIVER NEAR SQUILAX	08LD001	1
ADSETT CREEK AT KILOMETRE 388.0 ALASKA HIGHWAY	10CD005	2
AKIE RIVER NEAR THE 760 m CONTOUR	07EA007	2
ALBERT RIVER AT 1310 m CONTOUR	08NF005	3
ALCES RIVER AT 22ND BASE LINE	07FD004	3
ALIX CREEK ABOVE ALIX LAKES	08KE033	4
ALOUETTE LAKE FOREBAY	08MH148	4
ALOUETTE RIVER NEAR MAHEY	08MH005	5
AMBUSTEN CREEK NEAR THE MOUTH	08LF081	5
ANDERSON CREEK ABOVE DIVERSIONS	08LF084	6
ANDERSON CREEK NEAR NELSON	08NJ130	6
ARROW CREEK NEAR ERICKSON	08NM084	7
ARROW RESERVOIR AT FAUQUIER	08NE102	7
ARROW RESERVOIR AT NAKUSP	08NE104	8
ARROW RESERVOIR OUTFLOW	08NE126	8
ASH RIVER BELOW MORAN CREEK	08MB023	9
ASHNOLA RIVER NEAR KEREMEOS	08NL004	9
ATLIN LAKE AT ATLIN	09AA001	10
ATLIN RIVER NEAR ATLIN	09AA008	10
ATNARKO RIVER NEAR THE MOUTH	08FB006	11
AUSTRALIAN CREEK AT AUSTRALIAN	08KE006	11
AVERILL CREEK NEAR DUNCAN	08MA015	12
B.X. CREEK ABOVE VERNON INTAKE	08NM020	12
BABINE LAKE AT TOPLEY LANDING	08EC003	13
BABINE RIVER AT BABINE	08EC001	13
BABINE RIVER AT OUTLET OF NILKITKWA LAKE	08EC013	14
BAEZAEKO RIVER AT LOT 10262	08KG003	14
BAKER CREEK AT QUESNEL	08KE015	15
BARNES CREEK NEAR NEEDLES	08NE077	15
BARRIERE RIVER AT THE MOUTH	08LB020	16
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